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VICK'S GARDEN & FLORAL GUIDE

WITH WHOLESALE PRICES FOR FLOWER AND VEGETABLE GROWERS

SPRING EDITION
1930

VICK'S EARLY BRANCHING ROSE ASTER

ROCHESTER LAVENDER ASTER

VICK'S AUTUMN GLORY ASTER

SPECIAL OFFER

One Packet each of

Early Branching Rose *See description page 10*	15c
Rochester Lavender.. *Description on page 13*	20c
Autumn Glory..... *Find Description page 17*	20c
Value	55c

POSTPAID 40c

JAMES VICK'S SONS INC. ROCHESTER, N. Y.

THE FLOWER CITY

Vegetable Seed Trials O. N. Shoemaker FEB 4 1930

Six Superb Specials

	Description on page
Sweet Pea, Hawlmark Pink, per pkg. 10c, oz. 40c	62
Larkspur, Gold Medal Hybrids, seed, pkg. 15c, plants each 25c	68
Dahlia, Peony Flowered Satisfaction, each 50c	84
Dahlia, Cactus Flowered Countess of Lonsdale, each 35c, dozen $3.50	84
Hybrid Tea Rose, Los Angeles, each 70c, 3 for $1.95	81
Hybrid Tea Rose, Lady Hillingdon, each 70c, 3 for $1.95	81

Here's the Catalogue you asked for

---it's the best we have ever mailed

We take pleasure in sending you a copy because we know you will be interested in its valuable features:

1. **Many wonderful new varieties.**
2. **Noteworthy improvements in well known standard kinds.**
3. **Constantly improving quality through better methods of seed and plant selection.**
4. **Reduced prices on hundreds of varieties in both seed and plant sections.**
5. **Wholesale prices on vegetable seeds in quantity.**
6. **Many money saving special offers.**

With all of these inducements, there is no better place in the world to buy your seeds and plants.

Ours is the oldest catalogue seed house in America, and our satisfied customers can be found in every community where successful gardening is known. If you have not used our seeds, all we ask is a trial order to convince you of their excellence. As proof of our confidence and for your protection, we offer you a MONEY-BACK GUARANTEE. As a further object to you to send us your order, we are going to give you a

SPECIAL NEW CUSTOMER OFFER

good only on your first order,—3 packets of seed—regular value 30c, (see complete list on our order blank) if your cash order amounts to $1.00 or more.

And, still further, if your cash order of flower and vegetable seeds in packets amounts to $2.00 or more, you may use the COMPLIMENTARY FIRST ORDER CERTIFICATE below as cash payment on the order. Be sure to attach the certificate to your order.

Better look through our Garden Guide now and make out your order soon before you forget. We shall be expecting to hear from you in a few days. Since your gardening plans may expand as spring planting time advances, please keep this book for further orders when the occasion arises. We shall be prepared to fill your orders, whether large or small, with expert care and promptness,—"on their way in a day."

It will be a pleasure to do more than our share to make your garden this year the greatest possible success.

Faithfully yours,

JAMES VICK'S SONS, INC.

25c **Complimentary First Order Certificate** 25c

Good for a credit of 25 cents on a first order of flower and vegetable seeds in packets amounting to $2.00 or more from

JAMES VICK'S SONS

AMERICA'S FIRST CATALOGUE SEED HOUSE

ROCHESTER, N. Y. "THE FLOWER CITY"

This certificate will count as 25 cents if accompanied with the balance of remittance on a first order of $2.00 or more, selected from *Vick's Garden & Floral Guide* for *1930* and provided the order is received by June 1, 1930.

25c 25c

A BIG SEED STORE

This book is built for your convenience. With its aid you can make a larger and better selection of varieties of seeds, plants and bulbs than you could find in person in any store. Each of our Rochester Seed stores are larger than most cities boast, but their combined sales are greatly exceeded by our catalogue orders. The popularity of our seeds, plants and bulbs here in Rochester, as well as in other parts of the country, is proof of our ability to please the most discriminating gardener.

We Sell Quality and Service

In the stores where you like to shop you expect to find the best goods and prompt, efficient, careful service. Our long experience and wide-spread trade is proof that you can buy from us as conveniently and as satisfactorily as if our stores were on your street.

THE BEST THE EARTH PRODUCES

We are in constant touch with seed specialists everywhere. It is our endeavor to secure for our customers the best stocks it is possible to obtain.

America's First Mail Order Concern

This house was founded on imperishable principles of expert seed selection and improvement, fair prices and satisfactory service. We have had an important part in the development and introduction of many of the best kinds in use today, which is proof for the future of intelligent, careful service and reliability of merchandise.

Prompt Shipment

With our warehouse centrally located, near Post Office, express and freight stations, we fill orders quickly.

ON THEIR WAY IN A DAY

Wonderful New Varieties

Not in a long time have we offered so many extraordinary values in new seeds, plants and bulbs, as you will find in this book. All through these pages are varieties from China, Tibet, Europe, and many from America, which will add greatly to the zest of possession and the beauty of your garden. These, we are sure, will be welcome additions to the finest collections grown.

A Matchless Record

Appleton City, Mo. Dec. 31, 1929.

Please send me your Floral and Garden Guide. I used your seeds fifty years ago and have ever since. I remember one of your Catalogues said James Vick, Sr. first "sold seeds from a basket peddling them." I am glad I can remember so well. I have always been a lover of flowers, but now depend on others as I will be 102 years old Jan. 5, 1930, and James Vick's seed I first planted.

Yours truly,
Mary Adams Intice

Improved Standard Kinds

The work of seed and plant development goes steadily forward. In these pages you will find many strains of standard varieties which are earlier, more productive, and of better quality than you have known.

Make Successful Gardening Easy

Enlist as your helpers those valiant, powerful genii which make their presence known actively and beneficially in scientific formulas, like SEMESAN which protects the seed germ from hurtful plant fungus, and plant-foods like FLORANID and NITROPHOSKA made by a German Company internationally famous for its process of taking NITROGEN, an important plant food element, from the air.

On pages 93, 94, and 95 you will find a list of these and many other aids to successful gardening which will put joy into your efforts, lighten your work, increase the yield and improve the quality of whatever you grow.

Give GOOD seeds a GOOD chance to make GOOD

Send Us Names of Your Gardening Friends

We would like to send them catalogues. As an expression of our appreciation of your sending us a carefully selected list of not more than 10 actual gardeners and home owners you think would be interested in receiving this catalogue, we will send you any 10 cent packet of flower or vegetable seed you may select for each two names sent.

This offer is good only provided your own order amounts to $2.00 or more, exclusive of free packets offered above, and your list of names reaches us before March 15th.

SPECIAL COLLECTION

Number 1

Flowers in Color on opposite page

	EACH
Sweet Pea, Hawlmark Pink	Pkt. 10c
Larkspur, Gold Medal Hybrid	Pkt. 15c
Dahlia, Satisfaction	Tuber 50c
Dahlia, Countess of Lonsdale	Tuber 35c
Rose, Los Angeles	Plant 70c
Rose, Lady Hillingdon	Plant 70c
	$2.50

OUR SPECIAL OFFER $2.10

Our Money Back Guarantee

We guarantee the safe arrival of your purchase. If an article should arrive in damaged or unsatisfactory condition, we will refill, provided you notify us at once explaining the nature of the damage. If not possible for us to replace immediately, we will enter for shipment at earliest suitable season or refund your money, whichever you prefer. We guarantee satisfactory germination and purity of our seeds, plants, and bulbs purchased from this catalogue to the full amount you paid us for same. We remind you that even with the best growers and best seeds successful growth depends on soil, weather, etc. If, however, you are not satisfied, you may have your money back anytime this spring or we will refill at suitable season, whichever you prefer. It is expressly agreed, however, that in no case shall James Vick's Sons, Inc., be liable for an amount more than that actually paid for the goods.

YOU WILL FIND

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JAMES VICK'S SONS, Inc.

You will be delighted with these

KALE, DWARF BLUE, EXTRA CURLED

Riverside Sweet Spanish ONION

There is a big demand for a quick growing, long keeping onion. Here is the Colorado growers' description of this one: This section is wild over them. Shipping 3500 cars this fall. It is the mildest of onions, and the largest hardy one. A good keeper. Not bothered with thrip. Also the heaviest producer. And it appeals to the eye. Has a great future.

Packet 15 cents; ½ oz., 25 cents; oz., 45 cents; ¼ lb., $1.25.

Kale (or Borecole)

Dwarf Blue, Extra Curled

Borecole is becoming a very popular plant for use as greens. When cooked, the young shoots are delicate and delicious: especially so after frosts. Consequently this is especially valuable for use in the late fall and winter. Our new Dwarf Blue Extra Curled is very hardy and will not be harmed by the severest winter. It is a beautiful dark blue-green color and grows to a large size producing a great mass of handsome, edible foliage.

Packet, 15 cents; ½ oz., 25 cents; oz., 40 cents.

SPINACH

Bloomsdale Longstanding

A strain of exceptional merit, as many of our leading gardener customers will testify, who at our advice this past summer tried this stock. Its prime advantage is that it will remain in fine edible condition after other Bloomsdale stocks have gone to seed. Leaves are very thick, heavily crumpled, with a handsome dark green color.

Packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; lb., 40 cents; 10 lbs., $3.50.

Vick's Ideal

Very much earlier than other varieties. The leaf is short and thick with attractive dark green color. Remains in excellent edible condition, without going to seed, longer than any other quick growing variety.

Packet 10 cents; oz., 15 cents; ¼ lb., 25 cents; lb., 75 cents.

LEEK, EMPEROR

New Radish

Glowing Ball

A beautiful new extra early variety. The accompanying illustration shows the perfect round shape, but it fails to give an idea of its unique color. Bright, fiery, scarlet-red with a suffusion of orange; it has a glow all its own.

Packet 15 cents; oz., 25 cents; ¼ lb., 60 cents.

Leek

Vick's Emperor

Leek is a kind of onion that does not form any bulb, but grows in a long stem, which is blanched by drawing earth around it. It makes an appetizing salad, or is eaten like green onion. It is used increasingly as flavoring with otber vegetables, giving to them a delightful piquancy not otherwise obtainable. Is unsurpassed in earliness and size.

Packet 15 cents; ½ oz., 25 cents; oz., 40 cents.

Swiss Chard

Broad White Ribbed

Partly described by its name, here is the best dark green smooth leaved variety.

Packet 10 cents; oz., 25 cents; ¼ lb., 40 cents; 1 lb., 85 cents.

RADISH, GLOWING BALL

Vegetable NOVELTIES

FOR FLOWER SEED NOVELTIES
See Pages 45 and 46

New Cauliflower

Snowdrift

Here is a new Cauliflower that will produce a larger head than Snowball without losing in earliness. It matures with great evenness. The bulk of the crop is quite early and harvesting may be completed 120 days after date of sowing. The pure white heads are remarkable for their great depth and unexcelled white color. The curd is of fine texture. We sincerely believe that Snowdrift ranks as one of the very superior stocks of cauliflower available anywhere at any price.

Packet 25 cents; ¼ oz., 90 cents.

Watermelon

Golden Honey

A valuable addition to the list of good varieties. Medium sized, slightly oblong, but almost round with green rind and yellow flesh. It is very sweet and delicious eating.

Packet 15 cents; ½ oz., 25 cents; oz., 40 cents.

Muskmelon

Hale's Best

Comes recommended from several authorities as about the best extra early Muskmelon of good quality. Succeeds where seasons are too short for other good kinds.

Pack 15 cents; oz., 35 cents; ¼ lb., 75 cents; lb., $2.00.

New Broccoli

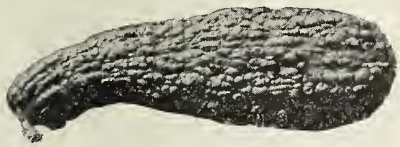
Green Sprouting

BROCCOLI, GREEN SPROUTING

This delicious vegetable of Italian Origin and a long time favorite in Europe has now become very popular in many parts of the United States. The flavor is delicate and delicious. It is a most pleasing addition to the list of vegetables that can be used in the summer and fall. This new Green Sprouting variety will delight you.

Packet 25 cents; ¼ oz., 35 cents; oz., $1.00; ¼ lb., $3.25.

Summer Squash



GIANT STRAIGHTNECK Summer Squash

Giant Straightneck. Due to its better shape, this new variety can be handled more easily and occupies less space in packing or cooking.

Packet 15 cents; oz., 30 cents; ¼ lb., $1.00; lb., $3.00.

CAULIFLOWER, SNOWDRIFT

Snake Cucumber

Certainly an interesting novelty. It will grow as much as four feet long in various interesting shapes. Obviously a little seed "will go a long ways".

Packet 25 cents; ½ oz., 50 cents; oz., 75 cents.

Chihli

The New Chinese Cabbage

This vegetable is from China, and has become quite popular among those who know how to use it. It belongs to the cabbage family but looks like Cos Lettuce. The large mid-ribs of the leaves are perfectly white and very crisp and tender. It is excellent when used as a salad.

Packet 15 cents; oz., 40 cents; ¼ lb., $1.15; lb., $3.75.

CHINESE CABBAGE, CHIHLI

NOW! Buy at Wholesale! Your Opportunity!

Join the throng of Market Gardeners who buy at wholesale.

ARTICHOKE

	oz.	¼ lb.	lb.
Green Globe	$ .50	$1.50	$5.00

ASPARAGUS

Columbian Mammoth	.15	.30	.75
Conover's Colossal	.15	.30	.75
Palmetto	.15	.30	.75
Vick's New Mammoth	.15	.30	.75
Washington "Rustless"	.15	.30	.85
Mary Washington, Improved	.15	.35	1.00

ASPARAGUS ROOTS

	Per 100	Per 1,000
Conover's Roots, two year No. 1	$1.50	$12.00
Palmetto Roots, two year No. 1	1.50	12.00
Vick's New Mammoth, Roots two year No. 1	1.50	12.00
Washington "Rustless" Roots, one year No. 1	1.75	14.00

BEANS, DWARF GREEN-POD

For prices on less than 5 lbs. add 5 cents to the 5 lb. rate.	5 lbs. or more per lb.	15 lbs. or more per lb.	30 lbs or more per lb.
Bountiful	$ .36	$ .34	$ .32
Dwarf Horticultural.	.36	.34	.32
Giant Stringless Greenpod	.36	.34	.32
Keeney's Stringless Refugee	.34	.32	.30
Stringless Green Pod (Burpee's)	.34	.32	.30

BEANS, DWARF WAX-POD

Brittle Wax	.32	.30	.28
Burpee's Kidney Wax	.32	.30	.28
Davis White Wax	.32	.30	.28
Improved Rustless Golden Wax	.30	.28	.26
Keeney's Rustless Golden Wax	.32	.30	.28
Pencil Pod Black Wax	.30	.28	.26
Prolific Improved Black Wax	.30	.28	.26
Sure Crop Stringless Wax	.32	.30	.28
Wardwell's Kidney Wax	.32	.30	.28

BEANS, POLE OR RUNNING

Early Golden Cluster Wax	.30	.28	.26
Old Homestead (Kentucky Wonder)	.30	.28	.26
Scarlet Runner	.30	.30	.30
Lima—King of the Garden	.28	.26	.24

BEANS, DWARF OR BUSH LIMA

For prices on less than 5 lbs. add 5 c. to the 5 lb. rate.	5 lbs. or more per lb.	15 lbs. or more per lb.	30 lbs. or more per lb.
Henderson's Bush Lima	$ .26	$ .24	$ .22
Improved Bush Lima (Burpee's)	.28	.26	.24
Fordhook Bush Lima	.32	.30	.29
Prolfic Bush Lima (Wood's)	.28	.26	.24

BEANS, FIELD

Pea or Navy	.22	.20	.18
Red Kidney	.22	.20	.18
White Kidney	.22	.20	.18
White Marrow	.24	.22	.20

BEET

	Oz.	¼ lb.	Lb.
Crimson Globe	$ .15	$ .35	$1.00
Crosby's Early Egyptian	.15	.35	1.00
Detroit Dark Red, Best Main Crop	.15	.35	1.00
Early Wonder, Splendid Extra Early	.15	.35	1.00
Eclipse, Extra Early	.15	.25	.80
Improved Early Blood Turnip	.15	.25	.80
Rochester	.15	.35	1.00
Vick's Early Market	.15	.35	1.00

Money Saving Prices For Those Who Grow Crops to Sell

The growing of flowers and vegetables for market is now so wide spread that we have decided the only fair way to do business with both "Market" and "Home" Gardeners is to give everybody the same opportunity to buy at the quantity price. If you grow even one crop "for sale" you are entitled to purchase the seed at the low wholesale price. The more you buy, the more you save, but, no order for less than the minimum amount mentioned here can be accepted at these prices.

High Quality Tested Seeds

The stocks we offer are precisely the same as those in the body of this book, the retail or home garden section, coming from the best sources, the result of long years of experience in seed growing. We operate extensive trial grounds and make thousands of mechanical germination tests, as well. On request, we will gladly send the latest germination reports on varieties ordered.

Our Money Back Guarantee

We guarantee the safe arrival of your purchase. If any goods reach you in unsatisfactory condition, notify us immediately and we will refill or refund for the damaged article. We guarantee to refill or send your money back if for any reason you are dissatisfied with results of Vick's vegetable or flower seeds, plants and bulbs within three months of shipping date. However, as gardening success is largely determined by cultivation, weather,

SUGAR BEETS

	Oz.	¼ lb.	Lb.
Klein Wanzlehen	$ .15	$ .25	$ .75
White French	.15	.25	.75

MANGEL WURZEL

Danish Taaroje, extra fine for heavy soil	.10	.25	.75
Danish Sludstrup, extra fine for deep soil	.10	.25	.75
Giant Half Sugar Rose	.10	.25	.75
Golden Giant great cropper	.10	.25	.75
Golden Tankard	.10	.25	.75
Giant Yellow, intermediate	.10	.20	.60
Vick's Mammoth Long Red	.10	.20	.60

SWISS CHARD (Salad Beet)

	Oz.	¼ lb.	Lb.
Large-rihhed Silver	.15	.30	.90
Lucullus, an improved variety large stalks	.15	.30	.90

BORECOLE

Dwarf Green Curled or Superior Scotch Kale	.15	.30	.90
Half Dwarf Moss Curled	.15	.30	.90
Tall Green Curled Scotch	.15	.30	.90

BROCCOLI

Italian, Green sprouting	1.00	3.25	12.00

BRUSSELS SPROUTS

Improved Dwarf or Dalkeith	.45	1.35	4.50

CABBAGE

Our American grown stock comes from the best cabbage growing section in Puget Sound district.

Allhead Early	.20	.60	2.00
All Seasons (choice strain)	.20	.60	2.00
Autumn King or World Beater	.20	.65	2.25
Charleston Wakefield large	.20	.65	2.25
Chinese Pe Tsai	.30	.90	3.25
Chinese Chihli, earliest and surest heading large, solid	.45	1.25	5.00
Copenhagen Market American grown	.30	.90	3.25
Copenhagen Market. Best Danish grown	.45	1.25	5.00
Dwarf Amager or Vick's short Stemmed Danish Ballhead	.45	1.20	4.50
Danish Ballhead, best long keeping strain	.40	1.10	4.25
Danish Stonehead or Round Red	.35	1.00	3.50
Early Jersey Wakefield	.20	.65	2.25
Early Winnigstadt	.20	.65	2.25
Earliest of All, new earliest Copenhagen type	.35	1.00	3.50
Earlier Golden Acre, New	.35	1.00	3.50
Glory of Enkhuizen	.25	.75	2.50
Improved American Savoy	.25	.75	2.50
Louisville Drumhead	.20	.65	2.25
Mammoth Rock Red or Stone	.35	1.00	3.50
Premium Late Flat Dutch	.20	.60	2.00
Surehead	.20	.65	2.20
Succession	.20	.60	2.50

CARROT

	Oz.	¼lb.	lb.
Chantenay Stump-rooted	$ .15	$ .35	$1.10
Vick's Coreless	.20	.50	1.50
Danvers Half Long Orange	.15	.35	1.10
Earliest French Forcing	.15	.40	1.25
Oxheart or Guerande	.15	.35	1.00
Half Long Scarlet Nantes	.20	.40	1.25
St. Valerys Intermediate, fine long red	.20	.50	1.50
Butter	.20	.50	1.75

CAULIFLOWER

	¼ oz.	Oz.	¼ lb.
Algiers, best of the late sorts	$ .25	$ .75	$2.50
Autumn Giant	.25	.75	2.50
Danish Perfection	.55	1.65	5.50
Erfurt Earliest Dwarf	.50	1.50	5.00
Early Snowball	.50	1.50	5.00
Extra Early Paris, for forcing	.30	.90	3.00
Vick's Danish Giant or Dry Weather	.55	1.65	5.50
Vick's Ideal	.60	1.75	6.00

CELERY

	Oz.	¼ lb.	Lb.
Golden Dwarf Self-blanching Old Strain (French Grown)	$ .90	$3.00	$11.00
Golden Dwarf Self blanching (American Grown)	.50	1.50	5.00
Celeriac, Large Smooth Prague	.30	.90	3.00
Columbia Rich Golden Yellow	.30	.90	3.00
Easy Blanching, Truckers variety	.30	.90	3.00
Giant Pascal	.30	.90	3.00
Improved White Plume	.30	.90	3.00
Winter Queen	.35	1.00	3.50
Celery for flavoring	.10	.20	.60
Golden Plume or Wonderful	1.25	4.25	15.00

CORN—SWEET OR SUGAR

For prices on less than 10 lbs., add 3 cents to the 10 lb. rate.	10 lbs. or more per lb.	20 lbs. or more per lb.	50 lbs. or more per lb.
Black Mexican	$ .16	$ .14	$ .12
Bantam Evergreen	.16	.14	.12
Country Gentleman	.16	.14	.12
Golden Giant	.16	.14	.12
Golden Sunshine	.18	.16	.14
Early Dawn	.16	.14	.12
Early Golden Bantam	.16	.14	.12
Howling Mob	.16	.14	.12
Vick's Golden Nugget, extra fine	.16	.14	.12
Extra Early Red Cory	.16	.14	.12
Mammoth White Cory	.16	.14	.12
Vick's Extra Early Morning Dew	.18	.16	.14
Stowell's Evergreen	.14	.12	.11
Whipple's Early White	.16	.14	.12
Whipple's Early Yellow	.18	.16	.14

CORN, FIELD

	Per bu. 56 lbs.	4 bu. or more per bu.
Genesee Valley Early Yellow, eight row flint	$3.75	$3.60
Improved Leaming, Early Yellow Dent	2.50	2.40
Longfellow, Early Yellow eight row flint	3.60	3.50
Vick's Snow Capped Gold Mine	3.25	3.00
Early Northern White Dent	5.00	4.75

POP CORN (Shelled)

	Lb.	10 lbs. and over per lb.
Queen's Golden	$ .18	$ .15
Red Beauty	.18	.15
White Rice	.18	.15
Japanese Hulless	.20	.16

soil and other conditions, it is expressly agreed that James Vick's Sons shall not be liable for an amount in excess of that paid for the goods.

Your Success is Our Success

We earnestly endeavor to furnish such superior stock as to merit your commendation so that you in turn will recommend us to your friends and neighbors. We insure your success with our seeds, plants and bulbs to the full extent of the purchase price. Beyond this we give no warranty express or implied as to the description, quality, productiveness or any other matter of any seeds, bulbs or plants we sell and will not be in any way responsible for the crop. Our long experience, and the excellent reputation our seeds enjoy is the best proof of our purpose in this matter. No other reliable concern selling equally high quality stock can or will make a more liberal offer than ours.

HOW TO ORDER

For rapid order filling use the enclosed order form. Write your wholesale order first and then the various items required from the rest of the catalogue. For quantities less than those mentioned here and for postage paid or free transportation privilege, use the prices in the retail prepaid sections.

Secure Wholesale Prices on Other Varieties

If you grow other flower or vegetable seeds, plants, bulbs, etc., not mentioned in this wholesale section, please send us a list of your probable requirements and get our wholesale prices. If this new plan appeals to you as a welcome money saving proposition, we invite you to join the throng of Market Gardeners who save by purchasing at wholesale.

CHICORY

	Oz.	¼lb.	Lb.
Large-rooted Long Magdeburg	$ .15	$ .35	$1.00
Witloof French Endive, fine salad	.20	.50	1.75

CORN SALD

	Oz.	¼lb.	Lb.
Corn Salad	.15	.30	.90

CRESS or PEPPER GRASS

Fine Curled True Pepper Grass	.15	.25	.75
Broad Leaved Garden	.15	.30	.90
True Water	.50	1.50	5.00

CUCUMBER

Abundance Forcing	.40	1.25	4.50
Chicago Pickling	.15	.35	1.00
Cool and Crisp	.15	.40	1.25
Clark's Special	.20	.50	1.75
Davis Perfect	.15	.40	1.25
Deltus, fine forcing variety	.50	1.50	5.00
Deltus Special Hothouse	1.25	4.00	12.00
Early Fortune	.15	.40	1.25
Early Green Cluster	.15	.40	1.15
Earliest of All	.15	.40	1.15
Green Prolific (Boston Pickling)	.15	.35	1.00
It Stays Green	.15	.40	1.25
Improved Early White Spine	.15	.40	1.15
Improved Everbearing	.15	.40	1.25
Improved Long Green	.15	.40	1.25
Japanese Climbing	.15	.35	1.00
Vick's Perfection White Spine	.15	.40	1.25
Vick's Lemon	.20	.50	1.75
Arlington White Spine	.15	.40	1.15

DILL

Dill	.15	.25	.75

EGG PLANT

	Oz.	¼ lb.	Lb.
Black Beauty	$ .50	$1.25	$4.50
Improved New York Purple Spineless	.50	1.25	4.50

ENDIVE

Broad-Leaved Batavian	.15	.40	1.25
Green Curled	.15	.40	1.25
Moss Curled	.15	.40	1.25
White Curled	.15	.40	1.25
French (Witloof Chicory)	.20	.50	1.75

FENNEL

Florence, with large bulb-like thickening at base of stalks	.20	.50	1.50
Sweet, grown for aromatic seeds only	.15	.40	.125

HORSERADISH ROOTS

	Per 100	Per 1000
Horse Radish Roots	$1.50	$12.50

KALE or BORECOLE

	Oz.	¼ Lb.	Lb.
Dwarf Green Curled or Superior Scotch Kale	.15	.30	.90
Half Dwarf Moss Curled	.15	.30	.90
Tall Green Curled or Scotch Kale	.15	.30	.90

KOHL-RABI

Early White Vienna	.25	.75	2.50
Early Purple Vienna	.25	.75	2.50

LEEK

Broad Flag, American	.20	.60	1.75
Monstrous Carenton	.25	.75	2.25

Wholesale Prices for Market Gardeners

LETTUCE

	Oz.	¼ Lb.	Lb.
All Seasons	$ .15	$ .40	$1.25
Big Boston, Leading Commercial Variety	.15	.40	1.25
Big Boston, Vick's Special Strain	.15	.45	1.50
Big Boston, Black Seeded or green	.15	.45	1.50
Black-Seeded Simpson	.15	.40	1.35
Crisp as Ice	.20	.60	1.75
Early Curled Simpson or Silesia	.15	.40	1.25
Grand Rapids Forcing, Improved	.15	.45	1.50
Iceberg. Old Strain	.20	.50	1.40
Iceberg. Western strain or Wonderful	.25	.75	2.50
Improved Early Hanson	.15	.40	1.35
May King	.15	.40	1.25
New York or Los Angeles	.25	.75	2.25
Paris White Cos, Self-folding	.15	.45	1.50
Prize Head	.15	.40	1.35
Unrivalled	.25	.75	2.25
White Big Boston	.25	.75	2.25

MELON, MUSK

Bender's Surprise	.20	.50	1.50
Burrell's Gem, pink flesh Rocky Ford	.15	.40	1.15
Eden's Gem, green flesh Rocky Ford	.15	.40	1.15
Early Knight, best early	.15	.40	1.25
Extra Early Hackensack	.15	.35	1.10
Emerald Gem, orange flesh	.15	.40	1.15
Honey Dew, green flesh	.15	.40	1.35
Jenny Lind, extra early	.15	.35	1.00
Osage or Miller's Cream	.15	.35	1.10
Paul Rose or Petosky	.15	.40	1.25
Rocky Ford, green flesh (Netted Gem)	.15	.40	1.15
Rocky Ford, gold lined	.15	.40	1.25
Irondequoit	.20	.55	1.75
Vick's Prolific Nutmeg	.15	.40	1.25

MELON, WATER

Citron, for preserves, red seed	.15	.30	.90
Cole's Early	15	.30	.90
Cuban Queen	.15	.25	.75
Florida Favorite	.15	.30	.90
Fordhood Early	.15	.30	.90
Georgia Rattlesnake	.15	.25	.85
Ice Cream or Peerless	.15	.25	.85
Kleckley Sweets	.15	.25	.75
Prize Jumbo	.15	.25	.85
Sweetheart	.15	.25	.75
Tom Watson	.15	.30	.90
Vick's Extra Early	.15	.30	.90

MUSHROOM SPAWN

New Method Bottle Spawn.

The new method of growing Mushrooms is so easy and so generally successful, the popularity of this food has increased enormously. Bottle spawn is the most prolific ever developed. Simply break the bottle and plant small pieces an inch deep a foot apart each way in rich cool loam soil. To insure fresh stock, we have every order shipped direct from the laboratories where this spawn was scientifically developed.

Per bottle, $1.25; per case of 12 bottles, $12.00.

Postage extra 12 cents per bottle.

Pure Culture Brick Spawn.

Many successful growers still rely on Brick Spawn. "Pure Culture" is the most reliable brick spawn.

Per brick, 22 cents; 25 bricks or more, 18 cents each.

MUSTARD

	Oz.	¼ Lb.	Lb.
Chinese Broad Leaf	.15	.25	$ .75
Southern Giant Curled	.15	.25	.75
Ostrich Plume	.15	.25	.75

OKRA

Perkins' Mammoth Green Pod	.10	.25	.75
White Velvet	.10	.20	.60

ONION SETS

	Per. Bu. 32 Lbs.
Yellow	$4.25
White	4.75
Japanese or Ehenezer	4.50

Prices on quantity lots on application

ONION

	Oz.	¼ Lb.	Lb.
Crystal White Wax	$ .35	$1.00	$3.50
Danvers Yellow Globe, extra selected	.20	.65	1.90
Danvers Yellow Globe, commercial stock	.20	.55	1.75
Ehenezer or Japanese	.20	.55	1.75
Large Red Wethersfield	.20	.60	1.85
Large Yellow Dutch	.20	.50	1.50
Mammoth Prize Taker	.25	.75	2.25
Mountain Danvers (new)	.35	1.00	3.50
Silver King or White Garganus	.20	.65	2.00
Southport Red Globe	.20	.65	2.00
Southport Yellow Globe, selected	.20	.65	2.00
Southport White Globe	.25	.75	2.50
White Portugal or Silver Skin	.25	.75	2.50
White Queen	.25	.75	2.50

PARSNIP

Improved Guernsey	.15	.30	.90
Long Hollow Crown	.15	.25	.75

PARSLEY

Champion Moss Curled	.15	.25	.75
Fine Triple Curled	.15	.25	.75
Fern-leaved	.15	.25	.75
Hamburg Large-rooted	.15	.30	.90
Vick's Moss Curled	.15	.30	.90
Plain Leaved	.15	.30	.90

PEAS

THE WRINKLED VARIETIES ARE MARKED WITH A STAR (*).

Early Varieties

	5 lbs. or more Per lb.	15 lbs. or more per lb.	30 lbs. or more per lb
Alaska. One of the most popular extra early varieties with canners and market gardeners. Half dwarf	$. 23	$ .20	$ .18
***American Wonder.** Excellent second early. Very dwarf	.23	.20	.18
***Carter's Early Eight Weeks.** One of the best new varieties. The earliest wrinkled Pea of good quality. Very dwarf	.25	.22	.20
***Early Morn.** Slightly earlier than Gradus. Superior quality. Dwarf	.25	.22	.20
***Extra Early Premium Gem.** Improved Little Gem. Dwarf	.23	.20	.18
***Gradus** (Prosperity). One of the most popular early sugar Peas. Half dwarf	.23	.20	.18
***First and Best.** Very early. Dwarf	.23	.20	.18
***Nott's Excelsior.** Early, dwarf. Superior quality	.23	.20	.18
***Laxtonian. Very** dwarf. Large pods. Early	.23	.20	.18
***Little Marvel.** Early. Very dwarf	.23	.20	.18
***Thomas Laxton.** The leader of the extra earlies. Very dwarf. Large pods	.23	.20	.18
***Vick's First Choice.** One of the earliest Half dwarf	.23	.18	.16
***Vick's Extra Early.** One of the earliest dwarf	.23	.18	.16
***World's Record.** Earlier than Gradus. Half dwarf	.25	.22	.20

PEAS

LATER VARIEITES	5 lbs. or more Per lb.	15 lbs. or more per lb.	30 lbs. or more per lb
***Alderman** (Admiral Dewey) Dark podded Telephone type. Tall. Late	$ .23	$ .20	$ .18
***Bliss Everbearing.** A standard main crop variety. Vines about three feet	.23	.18	.16
***Boston Unrivalled.** Large pods and superior to old Telephone. Tall. Late	.23	.20	.18
Dwarf Gray Sugar. Edible pod	.25	.22	.20
***Champion of England.** One of the best flavored late Peas. Tall	.23	.20	.18
***Improved Stratagem.** An old time favorite. Dwarf. Large pods. Late	.23	.20	.18
Canada Field	.12	.10	.08
Mammoth Melting Sugar. Editable pod. Tall. Late	.30	.28	.25
***Telephone.** Standard late market variety. Tall	.23	.20	.18
***Vick's Daisy.** Dwarf telephone type. Late	.23	.20	.18

PEPPER

	Oz.	¼ Lb.	Lb.
Chinese Giant	$ .50	$1.50	$5.50
Golden Dawn or Queen, bright yellow	.50	1.50	5.50
Harris' Early Giant	.50	1.50	5.50
Harris' Earliest	.35	1.10	3.75
Large Bell or Bull Nose	.35	1.00	3.50
Long Red Cayenne	.30	.90	3.00
Neopolitan extra early sweet	.35	1.00	3.50
Pimento extra fine sweet	.35	1.00	3.50
Ruhy Giant, large sweet, fine	.35	1.00	3.50
Ruhy King, bright red	.35	1.00	3.50
Sweet Mountain or Mammoth	.35	1.00	3.50
Sweet Tomato (new)	.35	1.00	3.50
Vick's Giant Red	.35	1.00	3.50

POTATOES

All leading varieties. Write for prices, stating quantity and variety wanted.

PUMPKIN

	Oz.	¼ Lb.	Lb.
Connecticut Field	$ .15	$ .30	$.75
Golden Oblong	.15	.35	1.00
King of the Mammoths or Jumbo	.15	.35	1.00
Large Sweet Cheese or Kentucky Field	.15	.30	.75
Tennessee Sweet Potato	.15	.30	.90
Small Sugar or Pie	.15	.30	.75
Winter Luxury	.15	.30	.75

RADISH

Vick's Early Scarlet Globe, best forcing variety ever introduced. Special stock from transplanted roots	.15	.30	.85
Scarlet Globe, regular stock	.15	.25	.75
All Seasons	.15	.30	.85
Cooper's Sparkler	.15	.25	.75
Crimson Giant	.15	.25	.75
French Breakfast	.15	.30	.85
Icicle	.15	.25	.75
Improved Long Scarlet Short Top	.15	.25	.75
Long White Vienna or Lady Finger	.15	.25	.75
Saxa	.15	.30	.85
Scarlet Turnip, White tip	.15	.30	.85
Vick's "Three Weeks"	.15	.30	.85

Wholesale Prices for Those Who Grow Crops to Sell

RADISH Winter Varieties

	Oz.	¼ Lb.	Lb.
Black Spanish Winter, round	$ .15	$ .25	$ .75
California Mammoth White Winter	.15	.25	.75
Chinese Rose Winter	.15	.30	.90
Celestial or Chinese White	.15	.25	.75
Chinese Round Scarlet	.15	.30	.90

RHUBARB

Linnaeus	.15	.25	.75
Victoria	.15	.25	.75

RHUBARB ROOTS

	Doz.	Per 100
Victoria or Linnaeus	$1.00	$6.00
Strawberry, true	1.25	9.00

SALSIFY

	Oz.	¼ Lb.	Lb.
Mammoth Sandwich Island	$ .20	$ .65	$1.90

SPINACH

	Lb.	10 lbs. or more per lb.	100 lbs. or more per lb.
Bloomsdale, Savoy-leaved (Norfolk)	$ .35	$ .30	$ .28
Bloomsdale Long Standing	.40	.35	.32
Long Season Thickleaf	.35	.30	.28
King of Denmark	.35	.30	.28
New Zealand	.60	.50	.40
Prickly or Fall	.30	.28	.26
Triumph, early	.35	.30	.28
Vick's Ideal earliest of all	.40	.35	.30
Vick's All Seasons	.35	.30	.28

SQUASH

	Oz.	¼ Lb.	Lb.
Blue Hubbard	$ .20	$ .45	$1.35
Boston Marrow	.15	.25	.60
Chicago Warted Hubbard	.15	.40	1.25
Delicious	.15	.40	1.25
Early White Bush Scallop (Patty Pan)	.15	.35	1.15
Early Yellow Bush Scallop	.15	.40	1.25
Improved Hubbard	.15	.40	1.25
Mammoth Yellow Summer Crookneck	.15	.40	1.25
Mammoth White Bush (Silver Custard)	.15	.35	1.15
New Golden Hubbard	.15	.35	1.15
Mammoth Chili	.15	.40	1.35
Cocozelle di Napoli	.20	.50	1.50

TOMATO

Bonny Best	.25	.75	2.50
Chalk's Early Jewel	.25	.75	2.50
Dwarf Champion	.35	1.25	4.00
Dwarf Stone	.35	1.25	4.00
Earliana—Special Strain	.30	1.00	3.00
Earliana, Commercial Stock	.25	.75	2.50
Greater Baltimore	.15	.40	1.25
John Baer	.25	.75	2.50
Large Yellow or Golden Queen	.35	1.25	4.00
Marglobe, new, extra fine	.35	1.25	4.00
Matchless	.25	.75	2.50
Norton, new	.25	.75	2.50
Ponderosa	.50	1.75	6.00
Stone, Improved	.25	.60	2.00

TOMATO Small Fruited Varieties.

	Oz.	¼ Lb.	Lb.
Husk or Strawberry or Winter Cherry	$ .50	$1.75	$6.00
Peach, Yellow	.50	1.75	6.00
Peach, Red	.50	1.75	6.00
Pear-shaped Yellow	.50	1.75	6.00
Red Cherry	.50	1.75	6.00
Red Currant	.50	1.75	6.00

TOBACCO

Connecticut Seed-Leaf	.40	1.10	3.50
Havana, Cuban grown (Vuelto de Abajo)	.40	1.10	3.50

TURNIP Table Varieties.

	Oz.	¼ Lb.	Lb.
Early White Flat Dutch	$ .15	$ .25	$ .60
Early White Six Weeks, or Snowball	.15	.25	.60
Extra Early Purple Top Milan	.15	.25	.60
Extra Early White Milan	.15	.25	.60
Golden Ball or Orange Jelly	.15	.25	.60
Pomeranian White Globe	.15	.25	.50
Purple Top Strap-leaved	.15	.25	.50
Purple Top White Globe	.15	.25	.50
White Egg	.15	.25	.60
White Top White Globe	.15	.25	.50
Yellow Amber Globe	.15	.25	.60

TURNIPS for Stock Feed

Long White Cowhorn	.10	.20	.50

SWEDES, or RUTABAGAS

American Purple Top	.15	.25	.60
Butter Yellow	.15	.25	.75
Purple Top Yellow	.15	.25	.60
White Sweet or Russian	.15	.25	.60
Golden Heart (New)	.15	.25	.75

HERBS not less than ¼ pound at the pound rate.

	Oz.	¼ Lb.	Lb.
Anise	$ .20	$ .35	$1.00
Basil, Sweet	.20	.45	1.25
Borage	.20	.35	1.00
Caraway	.15	.25	.75
Dill	.15	.25	.75
Fennel, Sweet	.15	.40	1.25
Fennel, Florence	.20	.50	1.50
Lavender (Lavendula spica)	.20	.50	1.50
Lavender (Lavendula vera)	.35		
Marjoram, Sweet	.25	.60	1.75
Rosemary	.30	.85	3.00
Rue	.35		
Saffron	.35	.75	2.50
Sage, Broad-leaved English	.20	.60	1.75
Savory, Summer	.20	.60	1.75
Thyme, Broad-leaved or Winter	.35	1.00	3.50
Thyme, Summer (French)	.25		
Wormwood	.30	.75	2.50

VICK'S FAMOUS ASTERS

Extra Early Varieties

	1/16 Oz.	⅛ Oz.	¼ Oz.	½ Oz.	Oz.
Vick's Earliest Snowdrift (Pure White), Lavender, Lavender Pink, Rose and mixed	$.30	$.50	$.85	$1.50	$2.50
Lavender Gem	.20	.35	.65	1.20	2.00
Queen of the Market. White, Flesh Pink, Peach Blossom or Pink, Rose, Light Blue, Dark Blue, Scarlet, Lavender, Crimson and mixed		.25	.40	.60	1.00
Vick's Royal. White, Purple, Lavender, Lavender Pink, Rose, Shell Pink and mixed	.20	.35	.65	1.20	2.00
Vick's Imperial Daybreak (Shell Pink)	.20	.35	.65	1.20	2.00
Vick's Imperial Purity (Pure White)	.20	.35	.65	1.20	2.00
Vick's Imperial. Lavender, Light Blue, Dark Violet Yellow and mixed	.20	.35	.65	1.20	2.00
Triumph Comet. Shell Pink, Rose, Purple, White, Lavender, Crimson, Dark Blue and mixed	.20	.35	.65	1.20	2.00
Early Rochester. White	.20	.35	.65	1.20	2.00

VICK'S ASTERS—Continued

Midseason Varieties

	1/16 Oz.	⅛ Oz.	¼ Oz.	½ Oz.	Oz.
Early Branching White, Shell Pink, Lavender Pink, Rose, Lavender, Crimson, Purple, Dark Violet and mixed	$.20	$.30	$.50	$.85	$1.50
Early Branching Ball's White	.20	.35	.65	1.20	2.00
Early BranchingDaybreak. Packets only, each .35 cents; two for 60 cents.					
Heart of France. The only pure ruby red	.20	.35	.65	1.20	2.00
Mikado. White, Crimson, Shell Pink, Rose, Dark Violet and mixed	.20	.30	.50	.85	1.50
Perfection. White, Shell Pink, Blush, Lavender, Crimson, Purple and mixed	.20	.35	.65	1.20	2.00
Vick's Peerless Yellow. Packets only, .50 cents.					
Vick's Pink Enchantress. One of the best asters of recent years. Upright plant, branching flower	.20	.35	.65	1.20	2.00

Main Crop, Late Varieties

Rochester. Lavender Pink, the original "Rochester," Shell Pink, Lavender, Rose, Crimson, Purple, White and mixed	.20	.35	.65	1.20	2.00
Vick'sLateBranching. Shell Pink (Mary Semple), Lavender (Azure Blue), Lavender Pink, Pale Lavender (Carlson's), Purple, Rose, (Lady Roosevelt), Dark Violet, Crimson, White and mixed		.20	.35	.65	1.25
Cardinal, & Rosy Carmine	.20	.35	.65	1.20	2.00
Vick'sLate Branching (Non-Lateral Type). Peach Blossom, Lavender, LavenderPink, Peerless Pink, Silvery Rose, Rose and mixed	.20	.35	.65	1.20	2.00
Vick's King Asters (Branching Type) Shell Pink, Pink, Rose, Violet and mixed	.20	.35	.65	1.20	2.00
White, and Crimson Packets only. Each 15 cents, two for 25 cents.					
Vick's King Asters (Upright Type). White, Shell Pink, Rose, Lavender, Lavender Pink, Crimson, Dark Violet and mixed	.20	.35	.65	1.20	2.00
American Comet. Purple, Rose, Crimson, White, Shell Pink, Lavender, and mixed	.20	.30	.50	.85	1.50
ImprovedCrego. Shell Pink, Rose, Crimson, White, Purple, Lavender and mixed	.20	.30	.50	.85	1.50
Late Upright. White, Shell Pink, Rose, Crimson, (Giant Crimson), Amethyst, Lavender, Purple, Lavender Pink, and mixed	.20	.30	.50	.85	1.50

Very Late

Late Branching Autumn Glory, Shell Pink	.30	.50	.85	1.50	2.50
Late Beauty. Flesh Pink, White, Azure Blue, Carmine Rose, Rose, Crimson, Lavender, Peach Blossom, Purple and mixed	.20	.35	.65	1.20	2.00

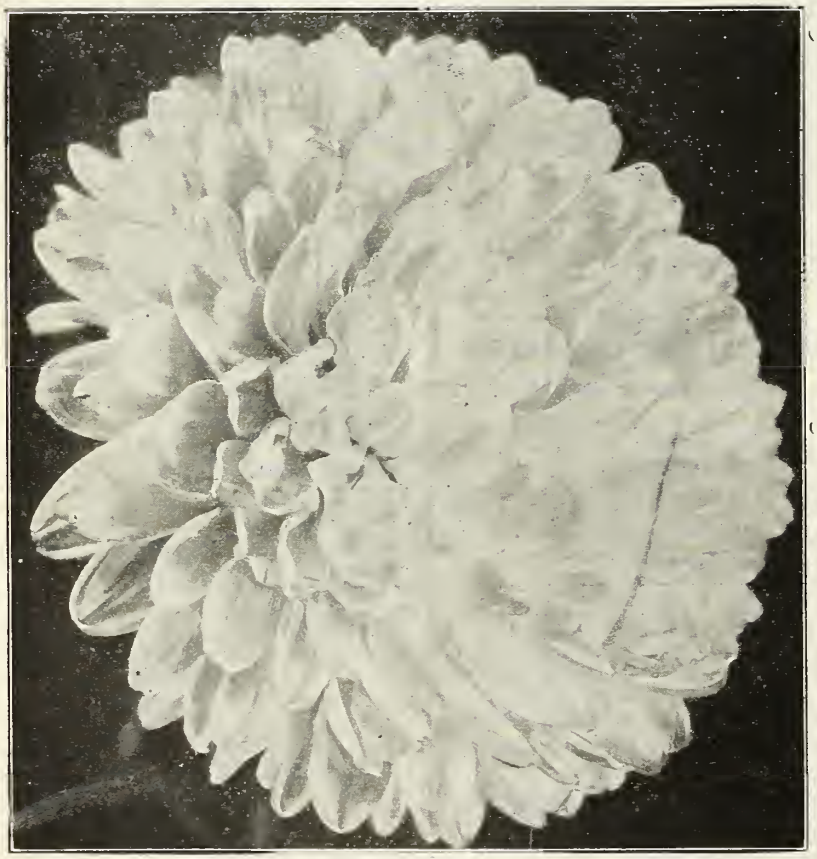
Mixtures

All Classes and Colors mixed		.25	.40	.60	1.00
Tall mixture		.25	.40	.60	1.00

A view of one of our Aster fields, Vick's Asters are recognized everywhere as America's standard of excellence.

VICK'S FAMOUS ASTERS

Wherever Asters are grown and loved the world over, Vick's Famous Asters have long been the standard of excellence. We have specialized in Asters longer and have introduced more new varieties than all other American seedsmen combined. Nearly all the varieties of Asters offered in leading seed catalogues in this country, often under different names, originated on Vick Seed Farms, but many kinds we offer here you will find nowhere else on earth. It has taken many years of constant, careful study and experimenting to develop the beautiful high bred, artistic, robust varieties of the wonderful Aster family that we offer. Our methods of individual plant selection in the development of Asters have never been equaled by any other plant breeder. Each year thousands of the choicest plants are staked and stock seed gathered from which to grow the following crop. Consequently we are constantly breeding up our stocks to more perfect and beautiful forms.



VICK'S NEW DAYBREAK

VICK'S NEW DAYBREAK

This is one of the most distinct and valuable varieties we have ever introduced. The flower is precisely like Imperial Daybreak but very much larger. Each petal is incurved like a tiny fairy boat. These numberless petals are very formally arranged, the top towards the center of the blossom so that the combined effect is to make a large, compact ball-shaped bloom like the finest Chrysanthemum or Show Dahlia. The color is a clear seashell pink, one of the most popular colors in any flower. The plants are vigorous like the other Early Branching varieties and produce a large number of long graceful stems. See front cover.

They produce very little seed, so we have never been able to offer this variety in bulk to other seedsmen. Consequently unlike most varieties of our introduction, you will not find this variety anywhere else. After trying several days to decide which were the most perfect flowers to stake for our own stock seed next spring, the writer of these lines is ready to say that he never saw a variety more uniformly of perfect type of plant and flower than our crop of New Daybreak was last summer. **Packet, 50 cents.**

ROYAL SHELL PINK

ROYAL PURPLE

VICK'S ROYAL ASTERS SHOWN ABOVE, ABOUT ONE-HALF NATURAL SIZE.

ROYAL WHITE

EARLY VARIETIES

VICK'S IMPERIAL ASTERS

The Imperial Asters comprise a collection of second-early varieties distinguished by their delicacy of coloring, their profusion of bloom, and the extreme doubleness of their flowers. The large flowers are so double as to be veritable balls of bloom. In most of the Imperial varieties the petals are narrow, straight and sometimes slightly folded lengthwise. The vigorous plants are upright in growth and produce stems of good length. Vick's Daybreak, introduced by us in 1897, and Vick's Purity introduced in 1899, have for many years been the best known and most widely used of all second-early Asters. Imperials are especially adaptable for all kinds of bedding, because of their compact habit of growth.

Packet, 15 cents; two for 25 cents.

Imperial Giant Daybreak. The fully double, perfectly formed flowers are a beautiful and extremely delicate shade of flesh pink.

Imperial Giant Purity. Larger plant and flower than the original Purity. Crowned with great snow white globes of bloom.

Imperial Lavender. A delicate shade of palest lavender. Resembles Day-break in size, in form and in season. The lavender tint is about the same depth of color as the pink in Daybreak.

Imperial Yellow. Delicate lemon yellow, good for bedding.

Any of the above colors, pkt, 15c.; Imperial Mixed, pkt. 15c.

QUEEN OF THE MARKET

A fine early flowering class much used by florists for the early market. The plants have a spreading habit and the flowers are double with loosely placed petals and borne on long stems. Offered in following eight colors:

White, Crimson, Lavender, Light Blue, Rose, Dark Blue, Pink, Scarlet.

Any of the above separate colors, packet 15 cents. Mixed colors packet 15 cents; ½ oz., 65 cents.

VICK'S LAVENDER GEM

One of the earliest varieties of value for outdoor planting, When first open the flower is an exquisite shade of light lavender which deepens with age. It has long curled petals like a ragged Chrysanthemum. **Pkt., 15c.; ⅛ oz., 60c.**

VICK'S ROYAL ASTERS

Vick's Royal form a new class of Asters in which the petals are very broad and distinctly incurved or shell-shaped. The charming shape of the petal gives an effect of shading that enhances the beauty of the color, has a charming grace and a Chrysanthemum-like effect. In size the flowers are like the Late Branching Asters, and the plants have the same sturdy vigor. In season they are earlier than Branching Asters, remaining in bloom a long time.

Vick's Royal White
Vick's Royal Lavender
Vick's Royal Rose
Vick's Royal Shell Pink
Vick's Royal Purple
Vick's Royal Lavender Pink

Any of above separate colors, per packet, 15 cents. Vick's Royal, mixed colors, packet, 15 cents; ⅛ oz. 75 cents.

Royal Collection of the six packets, 60 cents.

A plant of Imperial dug from among the thousands in our fields and potted for photographing.

"My Asters from your seeds are always magnificent."—Mrs. Charles T. Gaither, R. D. No. 4, Youngstown, Ohio.

"Your Asters grow to perfection for me."—Emma Hedden, Scottsburg, Oregon.

"I had wonderful results with your Aster seed last year, especially Imperials."—S. Hubschmitt, Paterson, N. J. Secretary Paterson Floricultural Society.

Vick's Imperial Asters are splendid for bedding and massing

VICK'S EARLY BRANCHING ASTERS

VICK'S BRANCHING ASTERS

Vick's Branching Asters are known wherever Asters are grown. The plants are large and vigorous, the stems long and strong, and the great fluffy flowers, as we grow them, are double to the center. There are other Asters, exquisite in form and of delicate color, but Vick's Branching Aster is still the leading Aster in all flower markets, and still holds first place in the garden of the amateur.

VICK'S EARLY BRANCHING

The plants of the Early Branching Aster attain the size and vigor of the famous Late Branching, but blossom from ten days to two weeks earlier. The many branches are free from side buds, the whole strength of the plant being given to the development of extra large, perfectly formed flowers on long stiff stems, making them especially desirable for vases, for exhibition, or for sale.

Any of the following colors, pkt., 15 cents 2 for 25 cents.

Crimson. A rich, dark crimson. Especially adapted for massing.
Lavender. A light shade of clear, pale lavender, a color which is always popular in cut flowers.
Lavender Pink. Similar in color to Vick's Late Branching Lavender Pink.
Dark Violet. Rich, deep velvety color, darker than purple.
Shell Pink. A delicate, very light shade of pink.
Purple. Rich, dark purple, well formed flowers.
Rose. A beautiful, brilliant shade of rose.
White. Fine pure white of large size and good form.

Any of the above, per packet, 15c.; 2 for 25c.
Early Branching Mixed, pkt., 15c.; ¼ oz., 75c.

VICK'S PEERLESS YELLOW

Peerless! That expresses it. By far the finest yellow Aster ever grown. Unlike some so called "rare yellow Asters" which are flat and hollow centered, our Peerless Yellow is large, remarkably full, and ball shaped like the flowers pictured in the next column. In fact it is so double and the petals are so long that it produces very little seed. The writer of these lines who personally supervises all of our Aster growing did not see a hollow centered plant this summer in the field whose total rows measured nearly a mile. Every flower comes a soft beautiful yellow, neither too weak, nor too strong. There is sufficient color to attract unbounded admiration, but it is not so deep and strong as to clash with any color scheme. The color on the plate opposite page 17 is a little too deep.

The plants are of Branching type and very vigorous. A single plant will frequently have from ten to fifteen good flowering stems of sufficient length and with flowers of ample size for fancy cut flower purposes.

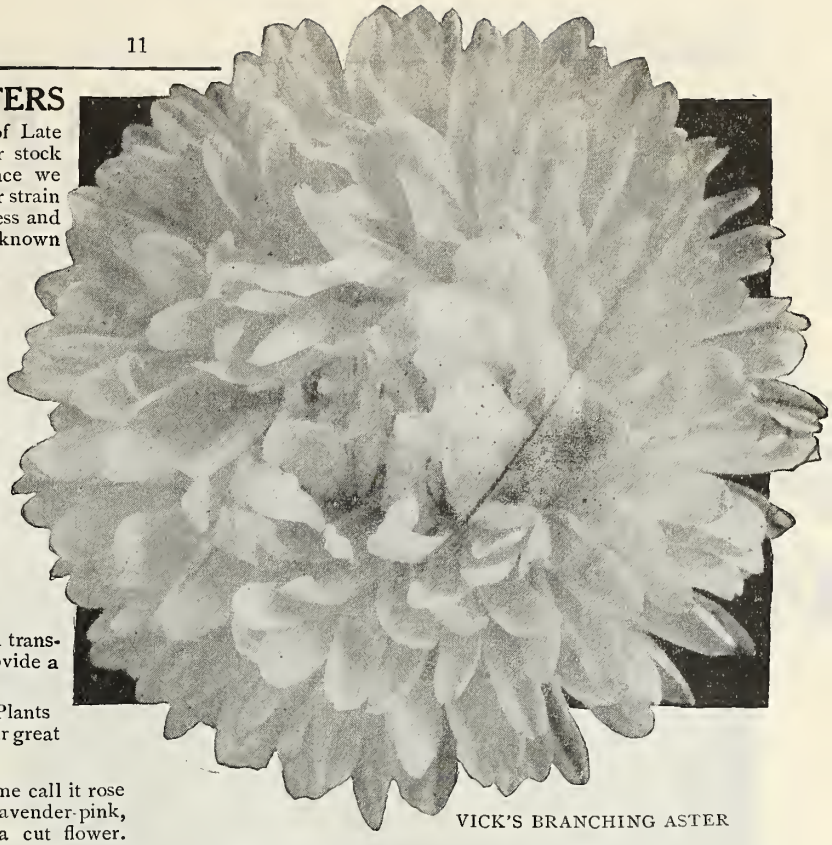
You can't buy this variety anywhere else at any price, for we've never had enough to supply our own trade and no other Aster grower would care to grow such a sparce seeding variety. So do not be fooled by any other offer of so called yellow Asters. Your money back for Vick's Peerless Yellow if you are not satisfied. See picture opposite page 17 Packet, 50 cents.

PLANT OF BRANCHING ASTER GROWING IN THE FIELD.
Notice the long stems and massive double blooms

Our complete newly revised booklet "Success with Asters" sent free with orders totaling $1.00 or more when requested

VICK'S LATE BRANCHING ASTERS

Prior to the introduction of our famous strain of Late Branching Asters, nearly all seedsmen secured their stock from well known European growers, but never since we first offered our Late Branching Asters has any other strain from Europe or elsewhere equaled it in size, usefulness and popularity. Today Vick's Branching Asters are well known and in great demand, not only in America, but in Europe, South America, and far-away Australia, wherever, in fact, good flowers are grown. It maintains its position of leadership because we are taking great pains to improve it on our experimental farms, so that the plants are stronger, the stems longer, the flowers larger and more perfectly shaped than those of each preceding generation. The flowers of our Late Branching Aster are of immense size. The great number of petals closely massed forms a solid globe-shaped flower, magnificently beautiful in its exquisite perfect, fluffy Peony-like form. The flowers are borne in great profusion on long stems, frequently two feet in length, which characteristic makes flowers of this class especially valuable for cut-flower purposes. The plants are of strong growth, often covering a space three feet in diameter.



VICK'S BRANCHING ASTER

Seed sown in pots or boxes in March or April, and transplanted to the outdoor bed in May or June, will provide a wealth of bloom in August and September.

Snow White. The latest of Branching Asters. Plants exceptionally strong and continuing to produce their great balls of white bloom until cold weather comes.

Vicks Lavender-Pink. Apple blossom pink. Some call it rose pink. Opens nearly white, passing to a beautiful lavender-pink, lighter in the center. Lasts particularly well as a cut flower.

Rose. Large plants and big, full double flowers of rich deep rose

Crimson. A rich, glowing color. Our crop this year was truly wonderful, immense ball-shaped flowers on long strong stems.

Rosy Carmine. Distinct, and beautiful—a bright rosy carmine. A lively brilliant color.

Vick's Lavender. A clear deep lavender. Sometimes called azure blue. A splendid strain of this useful color.

Semple's Lavender. An extremely pale shade of lavender.

Purple. Beautifully formed, full double flowers of rich purple.

Mary Semple, Shell Pink. An exquisite shade of light shell-pink. The large flowers are graceful in form.

Peerless Pink. Might well be called an "Improved Shell-Pink." It has the same delicate, pleasing shade of pink, and a larger more double flower. Our stock of Peerless Pink this season is far superior to any we have heretofore offered. It is literally "without a peer" in its class and color.

Peach Blossom. A deeper shade of color than Vick's Pink, and vey popular. The large flowers are extremely double.

Vick's Cardinal. A fine variety for borders or bed. It has a long season of bloom. Buds are rosy carmine developing into a brilliant glowing cardinal, giving the whole plant a dark rich color.

Dark Violet. An extremely deep, glowing color. A deeper shade than Branching Purple. It has a peculiar velvety finish giving it an appearance of richness distinct and beautiful.

Any of the above, pkt., 10c.; ¼ oz., 60c.

All Colors Mixed. Pkt., 10 cents.; ¼ oz., 50 cents.

HEART OF FRANCE

The famous ruby red Aster illustrated in color opposite page 16. Described fully on page 15. **Packet, 15 cts.; ⅛ oz., 75 cts.**

VICK'S SILVERY ROSE

The original silvery Aster. The plant is of branching type, very robust long stems. Flowers are of good size, each petal being a charming combination of deep lilac rose almost cerise so delicately threaded with white so as to give it a silvery sheen. The reverse of the petals as they curve all toward the center, show the silvery characteristic very decidedly. The heart of the flower appears a warm glowing rose, very unique and charming.

Per packet 15c; 2 packets for 25c.

AMERICAN BEAUTY ASTER

A very late class of branching asters developed in California. Very vigorous bushy plants that bloom about two weeks later than Vick's Late Branching.

White, Light Blue, Carmine Rose, Crimson, Purple, Lavender, Peach Blossom, Rose and Shell Pink.

Any of the above colors, pkt., 15c.; 2 for 25 c.

Mixed Colors. pkt., 10c.; ⅛ oz., 40c.

"I received first prize on Heart of France at Flower Show last September."

L. B. W., Jr., Salt Lake City, Utah.

"Have had remarkable success in growing your Late Branching Asters."

B. F. K., Portsmouth, Ohio.

BRANCHING ASTER COLLECTION

This collection gives a full assortment of the colors found in the Branching Class. These are unsurpassed for cutting; a harmonious color scheme for decorative purposes can easily be selected from these eight varieties.

White, Pink, Peach Blossom, Crimson, Purple, Lavender, Dark Violet and Rose
One packet of each of eight colors . . **75 cents**

Asters of the Late Branching class are the most popular and include the widest range of colors in Asters.

Vick's Rochester Asters

VICK'S ROCHESTER ASTER

Rochester is the center of one of the most famous growing sections for trees, plants and seeds, which are known around the world as typifying the best. When we named this class "Rochester" in response to the request of the Chamber of Commerce, we recognized that it must come up to the high standard the name represented, but we also knew we had a variety far surpassing any other variety in its class. The plants of Vick's Rochester Asters, like those of the Late Branching variety are large and strong, with many long branches. Their flowers have, in common with others of the Comet type, petals that are very long and narrow, and gracefully recurved, giving them a lightness and grace that make them the most artistic of all Asters. The immense size of these flowers—they are the largest Asters now in cultivation—their artistic beauty delicacy of coloring and freedom of bloom, make Vick's Rochester, in our estimation, the superior of any Aster of its class heretofore offered to the public.

VICK'S SHELL-PINK ROCHESTER

After several years experimenting on our Aster Farms we succeeded in perfecting a new color in the Rochester class, a delicate shade of pink commonly called shell-pink. The flowers, which are large with narrow, very long and graceful petals are exceedingly beautiful. We offer this charming variety to our customers in complete confidence that it will prove equally as good as the original Lavender-Pink Rochester. **Packet 20 cts.; two for 35 cts.**

Vick's Lavender-Pink "Rochester"

No flower introduced in recent years has created more favorable comment than this magnificent Vick's Lavender Pink Aster, "Rochester." Within a year after we first presented it to the public, the Chamber of Commerce of Rochester recommended that it be adopted as the official flower of the city and requested us to rename it "Rochester." The "Rochester" Aster is today the Premier of the Lavender-Pink Asters. Like all the flowers of the Comet class, the petals of the "Rochester" are narrow, very long and gracefully reflexed. The outer petals show to their full extent, while gradually toward the center they bend and curl across each other in such magnificent disorder, as to make the fluffiest Aster we have ever seen. In color it is a most exquisite shade of apple blossom or lavender-pink, between the color of Vick's Branching Pink and Vick's Daybreak. The plants are unusually vigorous and it is not unusual to find one with a dozen long, strong, graceful stems, each with a flower from four and a half to six inches in diameter. Packet 20 cents; two for 35 cents.

VICK'S ROSE ROCHESTER

True to the general type of the Rochester Asters, Vick's Rose has large, fluffy, graceful, attractive flowers on long stems. In color they are a beautiful shade of rose. These splendid qualities have won for Vick's Rose Rochester many friends and admirers all over the country. **Packet 20cts.; two for 35cts.**

VICK'S WHITE ROCHESTER

This is another excellent example of the artistic beauty of Rochester Asters. The exquisite white flowers, which are large and fluffy, and borne on long, strong stems, are most attractive, and make Vick's White Rochester a favorite for bouquets or as specimen plants. **Packet 20 cts.; two for 35 cts.**

HEART OF ROCHESTER

The famous Heart of France ruby red color in the Rochester type of flower. **Packet 50 cts.**

VICK'S ROCHESTER ASTER MIXTURE

Packet 15 cents; two for 25 cents.

Our newly revised booklet "Success with Asters" is the result of our years of experience with these wonderful flowers and will tell you the best methods of growing them. Sent free upon request with all orders for Aster seeds amounting to one dollar or more.

Vick's Rochester Aster, the official flower of the City of Rochester the Flower City, is renowned the world over.

VICK'S Lavender and Purple ROCHESTERS

It is no exaggeration to say that these marvelous Asters are far in advance of any other Branching Comet Asters ever grown.

Vick's Lavender Rochester and Vick's Purple Rochester are new colors in this splendid type of Aster and they are even larger, more double and more Chrysanthemum-like than the original Pink Rochester.

With proper cultivation the stems are unusually long and strong, and usually without side branches. The illustration on this page fails to show the wonderful thickness of these masses of shaggy petals.

Vick's Lavender Rochester. A clear light lavender color, just the shade in greatest demand by the florists.

Packet, 20 cents; two for 35 cents.

Vick's Purple Rochester. A deep rich purple.

Packet, 20 cents; two for 35 cents.

CALIFORNIA GIANTS

A type of Comet Asters grown in California, similar to American Comet or Crego Asters but somewhat later. The flowers have long narrow petals that fold backward in the characteristic Comet fashion.

White, Light Blue, Peach Blossom, Purple, Rose. Any of the above colors, Packet, 15 cts.; 2 for 25c. Mixed colors, Packet, 15c.; ⅛ oz., 75c.

VICK'S LAVENDER ROCHESTER

VICK'S LATE UPRIGHT

A new strain of Asters combining the erect growth of the earlier Uprights with the flowers. The season and the same type of flowers as the Late Branching. The upright habit admits of closer planting.

Vick's Late Upright Crimson. A deep, rich, glowing color and very large flowers.

Vick's Late Upright Amethyst. The flowers open nearly white, deepening with age to a decided amethyst. A very distinct and pleasing color.

Vick's Late Upright White. A pure white flower with a very full double center, a popular and profitable variety with florists.

Vick's Late Upright Purple. Deep purple flower of a very rich shade. A popular flower.

Vick's Late Upright Lavender. A deep shade of Lavender like Vick's Branching Lavender or Azure Blue.

Vick's Late Upright Rose. A brilliant lively rose. Large size flowers, tall upright plants.

Vick's Late Upright Shell Pink. This very pleasing shade is very popular in the upright type.

Any of the above colors, packet, 15 cents; ⅛ oz., 60c.

Vick's Late Upright, Mixed. Pkt., 10 cts.; ⅛ oz., 50 cts.

MIXED ASTERS

All classes and colors mixed in great variety, packet 10 cents; ¼ oz., 50 cents.

If you want to learn the best methods of growing Asters ask for a copy of our booklet "Success with Asters." Price 25 cents, or sent free upon request with all orders for Aster seed amounting to one dollar or more.

VICK'S MIKADO ASTERS

Vick's White Mikado, was the forerunner of this beautiful group of Comet Asters. The great shaggy, white flowers are made up of petals that are curled and twisted so that the flowers resemble fine white Chrysanthemums. The flowers are carried on stems of good length. The plants have a spreading habit, similar to that of the Branching Asters. The White Mikado is among the earliest of the mid-season Asters, coming immediately after the extra early varieties.

Vick's Rose Mikado. A deep, brilliant rose color. Like the White Mikado except in color.

Vick's Dark Violet Mikado. A rich, deep purple violet. The flowers are full double, very decorative in character and borne on good, stout stems.

Vick's Shell Pink Mikado. No list of colors is complete without this soft pleasing delicate shade on good strong stems and vigorous flowers.

Any of the above colors, packet, 10 cents.

Mikado Mixed, packet, 10c.; ⅛ oz., 50c.

AMERICAN COMET or CREGO ASTERS

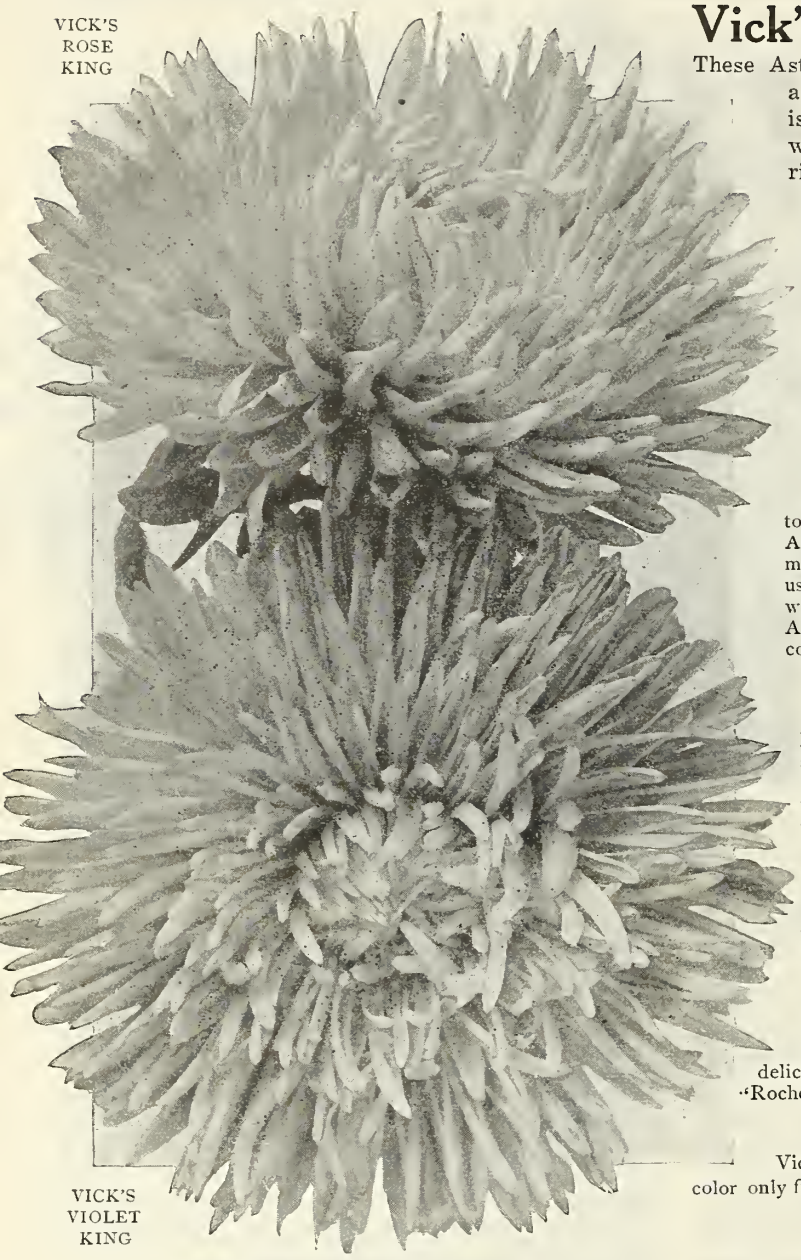
This splendid strain of Asters have large flowers, with long, narrow, loose petals of the Comet type and grow in a variety of beautiful colors. The plants are of the branching family and are very vigorous and productive. They bloom in mid-season or just before the Late Branching and present a most pleasing spectacle in the garden. **Packet, 10 cents.**

White, Shell-Pink, Rose, Purple, Crimson, Lavender. One Packet each of the above colors. Six Packets, for 50 cents.

Crego Asters mixed, Packet, 10 cents; ⅛ oz., 50c.

The artistic beauty and immense size of Vick's Rochester Asters have won for them universal admiration and praise

VICK'S ROSE KING



VICK'S VIOLET KING

Vick's Famous King Asters

These Asters form a magnificent class distinct from all others in the character of the flower, which is of great size and substance, and lasts longer when cut than those of almost any other variety. The petals are long, narrow, and folded lengthwise, appearing almost as though quilled and giving the flower a graceful and charming effect. The plants are large and the stems exceptionally strong.

We have had a fine crop of these varieties this summer, especially noticeable for the large vigorous plants and abundance of mammoth double flowers distinct from every other variety of Asters, precisely as shown in this picture.

VICK'S SHELL PINK KING

The color, a soft pleasing blush pink, is just the shade to increase the popularity of the whole King Class of Asters, just the shade we've needed most, and striven most diligently to secure in the last few years. Whether used separately or with one or more other colors, you will agree that any bouquet in which our Shell Pink Aster is included is gloriously beautiful and artistically complete. **Pkt. 15 cents.**

VICK'S CRIMSON KING

Here is another excellent addition to our King Class. No other color makes a richer, more strikingly handsome appearance than does this new Crimson King. In fact it's about the richest, most brilliant Crimson we've ever seen in Asters. It is similar in every respect to our original type of which Violet King was the first.

Pkt. 15 cents.

VICK'S WHITE KING

Any pure white Aster is deservedly popular, for which reason Vick's White King is rapidly approaching the remarkable record of Violet King in point of sales.

Pkt. 15 cents.

VICK'S LAVENDER PINK KING

In color the Lavender Pink King is a beautiful and delicate lavender-pink, very much like the now famous "Rochester" Aster. **Packet, 15 cents.**

VICK'S ROSE KING

Vick's Rose King is a deep brilliant rose. It differs in color only from its famous parent, Violet King.

Packet, 15 cents.

PRINCE OF WALES

The darkest of all the King Asters. **Packet, 25 cents.**

VICK'S KING ASTERS

All Colors Mixed.

Packet 10 cents.

1-8 ounce, 75 cents

VICK'S VIOLET KING

The immense flowers are a rich violet purple. They are quite thick, with a full center which is usually twisted into a strong "whorl" in the freshly opened flowers. A vase of Violet King Asters is an object not only beautiful, but bold and striking.

Packet, 15 cents.

VICK'S LAVENDER KING

The massive flowers of the new Lavender King are of the same thick, fluffy type as those of the White King. The color is a very pleasing shade of deep Lavender.

Pkt , 15 cents.

"I have purchased Aster seeds of you every year for more than twenty years. They never fail me and every one admires them."—Mrs. John M. Holt, Quaker Bridge, N. Y.

Our King type Asters were especially fine this year enormous feathery blooms with centers completely covered.

Vick's Pink Enchantress

This splendid Aster, introduced by us recently, is highly commended by our customers, and large quantities are grown annually by commercial florists. The immense flowers of a soft, delicate pink, are borne on strong, upright plants. The color is that of the popular "Pink Enchantress" Carnation. In Asters, the color is between that of Vick's Daybreak and the Semple's Pink Branching and although very delicate, does not quickly fade.

In size the flowers are equal to those of the largest Branching Asters. They are made up of broad petals, loosely arranged, and the effect is indescribably soft and pleasing. Nothing could excel in refined beauty a vase of Vick's Pink Enchantress Asters. The plants, of upright type, are tall and strong.

Packet, 15 cents; two for 25 cts.

VICK'S PINK ENCHANTRESS

Heart of France

In Color Opposite Page 17.

Here is one of our varieties that is now catalogued by nearly every seedsmen in America. Its popularity does not stop here, as we have filled orders for seedsmen in several countries in Europe and even in far-away Australia.

When we introduced this variety during the world war, the French Ambassador, since President of France, sent us a letter of appreciation that this beautiful flower had been named in honor of his country.

It is the best pure red Aster ever introduced. All others have somber shades of blue or too much yellow in the color pigments. Heart of France opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing now a glow and sheen quite unique, now a soft warm velvety texture. In any light, natural or artificial, Heart of France is startlingly beautiful and will command instant admiration.

The flowers are large and full with never a trace of hollow center. The plants are of branching type and very robust habit. The stems are long and strong and have very few laterals. The plants begin to bloom quite early in the season and open fully with the mid-season varieties. They retain their brilliancy and luster for a longer period than almost any other color.

Packet 15 cents; two for 25 cents.

VICK'S ASTER PLANTS

We sell thousands of Aster plants every season, at our stores but there are so many difficulties connected with shipping them that we strongly urge our customers to raise their own plants from our seed.

VICK'S TRIUMPH COMET

A magnificent new class of mid-season Asters with extra long stems and large, fluffy, full, double flowers of the finest type. Splendid Mikado or Rochester flowers on tall, upright plants, blooming early in the season. In comparing Vick's Triumph Comet Asters with other upright Comet Asters as they are grown on our farms, under as favorable conditions as our Asters ever receive, we find that the plants of Vick's Triumph Comet are taller, the stems longer and the flowers more double than those of other varieties of the same class.

We offer Triumph Comet Asters in these colors: White, Purple, Shell Pink, Rose, Lavender, Crimson, Dark Blue. Packet, 15 cents; two packets, 25 cents. Vick's Triumph Collection of the seven colors, seven packets, 75 cts. Triumph Comet, mixed colors, packet, 10 cents.

"My Asters were very fine last year. First prize for best color and best collection at County Fair."

R. M. Bowell, Bonners Ferry, Idaho

Prizes were awarded at many of the leading fairs throughout the country to Vick's Asters grown by our customers

VICK'S WHITE PERFECTION ASTER

BLACK PRINCE ASTER

There is great need for a good, double, medium early, long stemmed, very dark Aster. Our own Black Knight we felt, would supply that need, but its sparce seeding quality makes it difficult to grow. Black Prince is a California developed Aster, belonging to the Beauty class, and is said to have all desirable qualities of that class. It is a blue black as compared with Vick's Black Knight which is a maroon black. For those who plan to have a wide selection of colors and classes, we recommend Black Prince. Packet, 25 cents; two for 40 cents.

VICK'S NOVELTY ASTER MIXTURE

The seed of this mixture has been saved from plants grown on our experimental grounds where the fascinating work of improving old varieties and developing new ones is carried on. This mixture will prove a great deal of interest and will produce a large variety of beautiful flowers.
Packet, 15 cents; two for 25 cents.

Collection of Five Asters

Shown in Colored Picture Opposite

One packet each (value 90c) only..... $ .75
Two packets eac (value $1.80) only..... $1.40

VICK'S PERFECTION ASTERS

One of the most popular classes of Asters. The plants are upright or erect in habit and tall and vigorous. The flower petals are incurved like those of Peonies, usually with a "whorl" in the center.

White. We consider this the finest mid-season White Aster in cultivation. Grown under ordinary farm conditions, the flowers averaged four inches in diameter. They are exquisite in form; the broad petals are slightly folded lengthwise, making them appear rather narrow.

Shell Pink. Like all Asters in the perfection class the Shell Pink Perfection makes a tall, slender growth. The large, very double flowers are borne on stems of great length, making them especially valuable for bouquets.

Rose. The flowers of the Rose Perfection are a deep, bright rose color. They are of the same strongly whorled, incurved type as those of the Blush and Shell Pink Perfection; there is a decidedly pronounced twist to the petals.

Crimson. This beautiful Aster has attracted the attention of everyone who has seen it. The flower is of very fine form, large and strongly whorled, and borne on long stout stems.

Purple. The flowers of the Purple Perfection are, like those of the other members of this class of Asters, large, and borne on tall, strong stems. In color, they are a rich purple, which places them among the most desirable of the Perfection type.

Lavender. A light shade of Lavender, true Perfection type, tall and upright in habit.

Any above colors, packet, 15 cents; two for 25 cents.

Vick's Perfection Asters, all colors mixed, packet 20c; ⅛ oz., 75c.

Description of Asters Pictured on Opposite Page

VIOLET KING. The original King type Asters. It has made thousands of friends everywhere. The Asters of this type have been improved very much the past year or two and form quite thick blossoms with full centers which are quite uniformly twisted in the center into a strong whorl especially in the freshly opened flowers. The color is a rich purplish violet. Very hold and striking. Per pkt., 15c.

CRIMSON ROCHESTER—A comparatively new addition to the very popular Rochester class of Asters. The color is a very popular one and the type of flower is a perfect Rochester with a mass of curled and twisted petals and blooms of immense size. Packet 25 cents.
Other colors of Rochester Asters are shown on page 12.

SHELL PINK KING—A very soft pleasing hlush pink, especially handsome in the graceful King type of flower. The petals like those of all the King type are long, narrow and folded lengthwise, giving the flower a very feathery, charming appearance. Per packet 15 cts.
Other colors of the King class Asters are shown on page 14.

BLACK KNIGHT—The darkest Aster yet produced. There is a delicate sheen of deep red which prevents the flower from heing a dead hlack, thus giving it a rich velvety beauty and enhancing its usefulness and value. It harmonizes beautifully with flowers of almost any color or combination of colors. It wins instant admiration either alone, in bouquets, or in garden planting, in combination with other colors.
Per packet 25 cents; 2 for 40 cents.

LATE BRANCHING PURPLE. One of the most useful of the Late Branching Asters which are hy far the most popular type ever introduced. Late Branching Purple flowers are heautifully formed, full douhle with centers completely covered with a rich shade of purple. Per packet 10 cents.
Other late Branching Asters are on page 11.

We have specialized in Asters longer and have introduced more new distinct varieties than any other American Seedsman

VICK'S
VIOLET KING
ASTER
Pkt. 15c—2 for 25c
VICK'S ROCHESTER
CRIMSON ASTER
Packet 25c—2 for 40c
VICK'S
SHELL PINK
KING
Packet 15c
2 for 25c
VICK'S
BLACK KNIGHT ASTER
Packet 25c—2 for 40c
VICK'S
LATE
BRANCHING
PURPLE
Pkt. 10c

Three of the most popular ASTERS *ever introduced!*

Vick's Peerless Yellow

By far the most satisfactory yellow Aster yet produced. The flowers are large, remarkably full anl ball shaped, with centers so deeply covered with curled and twisted florets, that the variety is almost a record-breaker in scarcity of producing seed. Every flower will come a beautiful, true light yellow. The plants are of branching type and very vigorous. So numerous and large are the flowers, that the plants are completely covered like a golden dome. **Packet 50 cents.**

Heart of France

The best pure red Aster ever introduced. All others have somber shades of blue or too much yellow in the color pigments. Heart of France opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing now a glow and sheen quite unique, now a soft warm velvety texture. In any light, natural or artificial, Heart of France is startlingly beautiful and will command instant admiration. The flowers are large and full with never a trace of hollow center. **Pkt. 20 cts., 2 for 35 cts.**

Vick's Silvery Pink

This exquisitely beautiful flower derives its distinction from its delicate silvery sheen which overlays the predominating color. Each petal has actually the same color from base to tip, but massed in the enormous double blooms the heart of each flower of Vick's Silvery Pink appears a warm glowing pink, while, as the light reflects upon them, the tips of the petals have a silvery sheen which makes them appear almost white, the whole effect of which is indescribably beautiful. The flowers are held aloft on long strong stems. Large vigorous, freely branching plants. **Packet 50 cents.**

Asters

Autumn Glory. A marvelously beautiful, comparatively new variety. It is a pure sea-shell pink. While similar in color to Semple's Pink, with which all florists are familiar, Autumn Glory has a better and more substantial flower, a deeper and longer keeping color, a larger and stronger type of plant. Another distinctive characteristic and claim for recognition is the fact that it is later in season than all the rest of our Asters.

While it cannot take the place of Silvery Pink or Peerless Pink and others of like color, all of which are earlier, it supplements them by blooming after the other late Asters are past their prime, thus prolonging the Aster season two weeks. It comes uniformly true to color and type. The flowers are very large, very double, and borne on stems of unusual length.

Packet, 20 cents; 2 for 35 cents.

Peerless Blue. This is the best blue yet produced in Asters. The plants are large and vigorous; the flowers large, full double and borne on long, strong stems.

Packet, 25 cts.; 2 for 40 cts.

MONEY SAVING OFFERS
On Aster Seed

As an encouragement to you to become acquainted with many different varieties of our Asters, we offer the following:

ASTER COLLECTION No. 1

Any 10—ten cent varieties, your choice	$ .85
Two collections (20 pkts in all)	1.60
Three collections (30 pkts in all)	2.25

ASTER COLLECTION No. 2

Any 10—fifteen cent varieties, your choice	$1.20
Two collections (20 pkts in all)	2.20
Three collections (30 pkts in all)	3.00

ASTER COLLECTION No. 3

Any 5 —Twenty cent varieties, your choice	$ .85
Two collections (10 pkts)	1.60
Three collections (15 pkts)	2.25

VICK'S VEGETABLES

VICK'S ASPARAGUS

Spargel, Ger.; Esparrago, Span.; Sparagio, Ital.

ASPARAGUS, luscious and tender, is about the first fresh table delicacy in the spring. Very popular. Easily grown. As Asparagus seed germinates very slowly, it is advisable, when ready to plant, to pour hot water over it, repeating the process a second time when cool. The seed should be sown quite early in the spring in a bed of light, rich soil, in drills one foot apart and two inches deep. When the plants are well up, thin to about one inch apart. In the fall cut them down and spread well-rotted stable manure two inches deep over the bed. Early the next spring, when the plants are about to grow, transplant to the permanent bed. The subsoil of this bed must be well drained. It should be dug to a depth of at least two and one-half feet, and mixed with plenty of well-rotted manure. For private garden use set the plants about a foot apart, with crowns four inches below the surface and roots carefully spread. One ounce for 50 feet; one pound per acre.

Madison, Conn.,

"The 100 Washington Asparagus plants are wonderful. They have grown like old plants."

Mrs. Theo. F. Lees.

Washington Asparagus Developed by the plant breeding department of the U. S. Department of Agriculture. Especially for its rust-resisting qualities. It is large and vigorous and is rapidly displacing all other varieties.

Packet, 10 cents; oz., 30 cents; ¼ lb., 85 cents.

Vick's Mammoth. This variety grows to enormous size and surpasses all others in yield. Very tender and of excellent quality.

Packet, 10 cents; oz., 15 cents; ¼ lb., 40 cents.

Conover's Colossal. The old standard variety; of large size, rapid growth, and best quality.

Packet, 10 cents; oz., 15 cents; ¼ lb., 40 cents.

ASPARAGUS ROOTS (Two Year Old)

By purchasing plants at least a year of time is saved. The young shoots may be cut for the table the second season. **Vick's Mammoth, and Conover's Colossal, 50 for $1.00; 100 for $1.75, postpaid.**

Washington. 50 for $1.50; 100 for $2.50 postpaid.

BRUSSELS SPROUTS

Rosenkohl, Ger.; Bretones de Bruselas, Span.; Cavolo di Brusselles; Ital.

Brussels Sprouts are hardier than cabbages, and the "sprouts" or little heads growing along the stem are considered the most delicately flavored vegetables of the entire Cabbage family. Grown in the same manner as winter Cabbage. The late crop is usually the most satisfactory. One ounce seed produces about 1000 plants.

Vick's Improved or Paris Market. Packet, 10 cents ounce, 30 cts.; ¼ lb., 85c.

VICK'S MAMMOTH ASPARAGUS

ARTICHOKE

Artischoke, Ger.
Alcachofa, Span.
Articiocca, Ital.

The Globe Artichoke is cultivated for its flower heads, which are used in an undeveloped state, cooked like Asparagus. Plant seed early in spring, three inches apart, in rows one foot apart. When one year old, transplant to rows three feet apart and one foot apart in the row. Where the winters are severe protect the plants with leaves or dry litter to keep the crowns from freezing.

Green Globe. (Seed). Packet, 10 cents; ½ oz., 40 cents; oz., 60 cents.

FREE! A special leaflet on how to grow Asparagus will be gladly sent with your order if you ask for it. FREE!

RUSTLESS GOLDEN WAX

Garden Beans

An indispensible part of every garden.

Bohen, Ger. Habichuela, Span. Faginoli, Ital.

EVERYBODY likes "String Beans", especially if served from some of these newer, highly developed, tender, stringless and finely flavored kinds. These are the qualities instrumental in the rapidly growing popularity of this vegetable. String or Snap Beans are an important part of most fine menus: at banquets and fine dinners quite as popular as at more modest meals. They have the best flavor when served soon after picking. Consequently, Beans from your own garden will be superior to any you can buy.

The wax pod varieties are the best known and the most widely used, but of late in some sections, the green pods are most popular.

Remember our prices on this page include postage or express charges. For larger quantities and low prices, see page 4. For field Beans see page 44.

Yellow or Wax Pod Bush Beans

Prices on all varieties, by parcel post prepaid:
Packet, 10 cents; ¼ lb., 15 cents; ½ lb., 25 cents; 1 lb., 45 cents.
For lower prices on larger quantities see page 4.

Rustless Golden Wax. ***A strong grower, free from rust*** and of remarkable vigor. The pods are meaty and well filled, of fine quality, and stringless. With its fine quality, hardiness, productiveness, and freedom from rust, it is a great improvement over the old-fashioned Golden Wax, and its yielding quality makes it one of the very best for the home garden.

Pencil-Pod Black Wax. Plants, when in bearing, about fifteen inches high, loaded with long, round, handsome, golden yellow pods. Perfectly stringless, brittle, tender and mild in flavor. Two or three days later but better than Prolific Black Wax.

Davis' White Wax Bean. A splendid white seeded bean. To be used either as a snap bean or as a dry shell bean. One of the best varieties for baking.

Prolific Black Wax. An old sort which still retains its popularity. It is very tender, crisp, and of fine quality. It is early, hardy, almost rust proof and very productive; pods long, yellow round.

Sure-Crop Stringless Wax. An absolutely stringless, rust-proof, wax-pod, bush Bean. Pods seven to seven and a half inches long, about half an inch in diameter, and a beautiful rich yellow color. Plant hardy, extremely prolific, in fact it bears more freely than any other variety of recent introduction. Just the Bean for the family garden. On account of its size it is always a ready seller on the market.

Refugee Wax. One of the very best of the wax-pod sorts. The plants produce an abundance of long, round wax-like pods, perfectly stringless, tender and of the finest quality. In color, the pods are a rich creamy white. This variety is classed among the early sorts, as it comes into bearing about 40 days after planting and continues to bear for several weeks. It is certainly one of the best Beans for either the home garden or the market.

Brittle Wax. One of the best early varieties. The pods are round and long, often six inches in length, and a rich, golden yellow; stringless and tender. When ripe makes good shell bean.

Wardwell's Kidney Wax. A very popular variety, especially in some localities, because of the large size, handsome appearance and excellent quality of the pods. The pods are flat, broad, and usually five or six inches long of delicate, waxy yellow color, stringless and brittle. Very widely used by Market Gardeners.

Burpee's Kidney Wax. A remarkable new Kidney Wax Bean. Pods measure from six to seven inches in length, half an inch broad and three-eighths of an inch thick, almost straight, very fleshy, brittle, finely flavored and absolutely stringless. The beans and foliage of this variety seem to be immune from disease and it is altogether a splendid bean for any garden.

Pole, or Running Beans

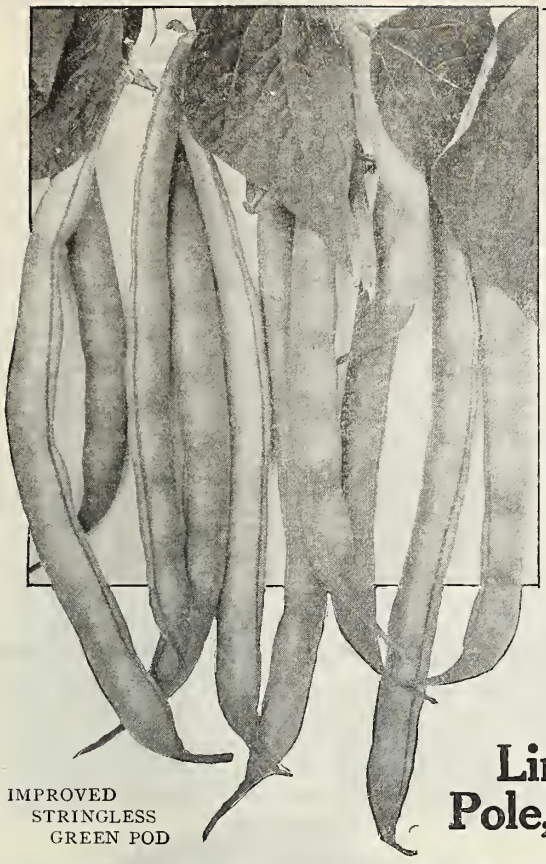
Pole beans well deserve to be used much more largely than they are since they yield much more heavily than the dwarf varieties. They persist in blossoming and bearing an abundance of fresh, tender beans until the vines are killed by frost. They are rather more sensitive to the cold and wet than the dwarf varieties and should be planted later. About the middle of May plant four to six beans around poles eight to ten feet high, setting poles four feet apart each way. Thin to three plants to a pole if the soil is rich.

Early Golden Cluster Wax. Vigorous and very productive; pods enormously large and long, flat, waxy yellow, tender, and of excellent quality. The best of the climbing wax beans and deserves a place in every garden.
Packet 10 cents; ¼ pound 15 cts.; ½ pound 25 cts.; lb., 40 cts. postpd.

Old Homestead (Kentucky Wonder). Earliest of the green Pole Beans and enormously productive. The pods though large, cook tender and are delicious. A most excellent snap variety.
Packet 10 cts; ¼ pound 15 cts; ½ pound 25 cts; lb.; 40 cts. postpaid

Scarlet Runner. A great favorite; used both as string and shelled beans. It is an excellent snap variety producing an abundance of large green pods In addition to its culinary value, Scarlet Runner is useful for ornamental purposes. The strong, rapid growing vines bear brillliant scarlet flowers from early summer until late fall; and may be used to good advantage for training over porches and trellises.
Packet 10 cts; ¼ pound 20 cts; ½ pound 30 cts; lb., 50 cts. postpaid

Where space is limited Pole Beans are very desirable because of their remarkable productiveness and long fruiting season



IMPROVED STRINGLESS GREEN POD

Green Pod Bush Beans

Pkt., 10 cts.; ¼ lb., 15 cts.; ½ lb., 25 cts.; lb., 45 cts., except as noted. Remember, these are Prepaid Prices. For lower prices on larger quantities, see page 4.

Bountiful. A new Green-Podded Bush variety that has come into prominence in the past few years, owing to its superior quality, earliness and productiveness. One great feature is that while it bears early, its pods remain in an edible condition for a long time. Pods often average 6 in.; one of the very best for market gardeners.

Dwarf Horticultural. A standard New England sort. The pods are medium in length, cylindrical, curved, splashed with bright red on a yellowish ground. The beans are round and speckled. An excellent variety shelled either green or dried.

Extra Early Red Valentine. One of the most popular of the extra early snap beans. Pods round, fleshy, and well filled with beans of excellent quality.

Extra Early Refugee. One of the earliest of the green-podded sorts, about two weeks earlier than Refugee, Thousand to One while retaining all the superior qualities of that variety; straight, tender pods, of fine flavor. Excellent for pickles. It is an enormous yielder. A splendid variety for market gardeners.

Full Measure. A bush variety, popular on account of its wonderful yield and quality. Handsome long green, round pods, of the highest quality and perfectly stringless. It also remains in picking condition many days after maturing, a strong point in its favor, either for market or home garden.

Giant Stringless Green-Pod. This is a distinct cross-bred variety, possessing all the merits of the old favorite Round-Pod Valentine, the pods being large, five to six inches in length, unusually crisp, round, full, and fleshy. A little later than Improved Stringless Green Pod.

Keeney's Stringless Refugee. One of the best green podded varieties having all the good points of the old-fashioned Refugee, differing only in the fact that it is perfectly stringless. It forms a strong, rank bush of many branches free from rust. Extremely hardy. Pods are long, round as a pencil; color light gray-green.

Improved Stringless Green Pod. The pods are absolutely stringless, full, fleshy, crisp, very tender, and of the finest flavor, remaining long in edible condition. Ready for the market two weeks earlier than Valentine, and very prolific.

Lima Beans Pole, or Running

Packet, 10 cents; ¼ lb., 15 cents, ½ lb., 25 cents; lb., 45 cents., except as noted. For lower prices on larger quantities see page 4.

King of the Garden Lima. A vigorous grower, requiring but two vines to each pole. Begins flowering early, at the bottom of the pole, producing a continuous bloom and fruitage through the season. Pods are large and beans well-formed.

New Giant Podded Pole Lima. Here is a real leader in the Pole Lima class. It is more robust than the ordinary Lima, bearing its great seven-inch pods in large clusters It comes in mid-season with such varieties as King of the Garden, but is far superior in every respect to any other Pole Lima with which we are acquainted.

Pkt., 15 cents; ¼ lb., 20 cents; ½ lb., 30 cents; lb., 50 cents, postpaid.

Dwarf Bush Lima Beans

Fordhook Bush Lima. Without doubt the best Dwarf Bush Lima. Earlier than the Pole Limas by ten days. Pods measuring from four to five inches in length, containing four to five large beans of excellent quality. The plants grow to a height of 20 to 30 inches; are strong and bushy and a rich dark green in color.

Packet 10 cents; 1-4 lb., 20 cents; ½ lb., 30 cents; lb., 50 cents.

Henderson's Bush Lima. Similar to Carolina Sieva but dwarf in habit. This proved to be one of the earliest and most prolific Lima Bean in our trials. The bean is small but plump and well filled. The best Bush Lima for Southern Territory.

Packet 10 cents; 1-4 lb., 15 cents; ½ lb., 25 cents; lb., 45 cents.

True Bush Lima. The bush grows from eighteen to twenty-four inches high, branching freely, bearing many large pods, well filled with delicious buttery beans. Plant in rows three feet apart, and thin to twelve or eighteen inches apart in the row.

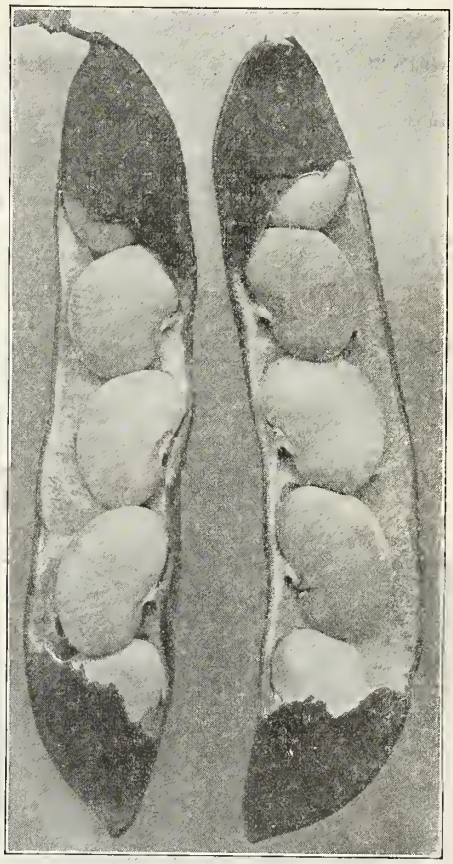
Packet 10 cents; 1-4 lb., 20 cents; ½ lb., 30 cents; lb., 50 cents.

Wood's New Prolific Bush Lima. A greatly improved strain of Henderson's Bush Lima or Dwarf Sieva Bean. Equally as early and prolific, and producing much larger pods and beans. About two weeks earlier than the true Limas; it is very desirable for planting for an early supply, or in latitudes where the true Limas do not succeed well.

Packet 10 cents; 1-4 lb., 20 cents; ½ lb., 30 cents; lb., 50 cents.

I am more than pleased with your seed and your treatment of me and will surely send another order.

Lakeview, Mich. *Mrs. H. G. R.*



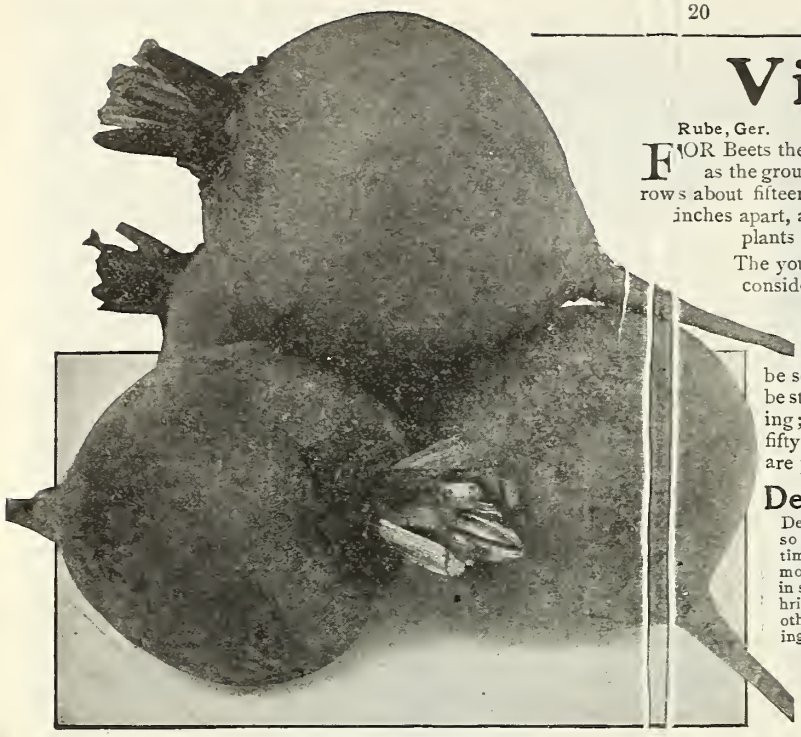
NEW GIANT PODDED POLE LIMA

The New Giant Podded Pole Lima we think is the finest Pole Lima Bean yet produced

Vick's Beets

Rube, Ger. Remolacha, Span. Barbabietola, Ital.

FOR Beets the soil should be rich, mellow, and deep. Sow as early as the ground can be worked, in drills about one inch deep and in rows about fifteen to eighteen inches apart, dropping the seeds about two inches apart, and pressing the soil firmly over them. When the young plants are two to three inches high, thin to five or six inches. The young plants that are pulled out make delicious "greens," considered by many, superior even to spinach. It is a common practice to plant the seed extra thick to assure an abundance of these tender, fresh plants to use for this purpose. For winter use, the Turnip varieties may be sown the first week in June, and in October the roots can be stored in a cellar, and covered with sand to prevent shriveling; or they may be kept in pits out of doors. One ounce to fifty feet of drill; five pounds to an acre. The prices below are postpaid. Special prices on larger quantities.



VICK'S DETROIT DARK RED BEET

Detroit Dark Red. The demand on us by market gardeners for a special strain of Detroit Dark Red Beet, uniform in shape, and with the dark red flesh so desirable in Beets, made it necessary for us to devote considerable time and effort in selecting and growing a strain that will please the most critical. In color and shape it is unsurpassed. Roots medium in size, globular, and very smooth; skin a dark blood-red; flesh deep bright red, fine-grained, tender and sweet, remaining so long after other varieties become woody. Tops small, admitting of close planting. The standard beet both for market and home gardener.

Packet, 10 cents; ounce, 20 cents; ¼ lb., 40 cents; lb., $1.00.

The Rochester or Improved Crimson Globe. A perfect Beet in all respects; brilliant crimson in color, globe-shaped, with a very smooth skin, and an exceedingly small tap-root, fine grained, sweet in flavor, and tender at all times. The foliage is small, admitting of close planting. Not only a market, gardener's sort but one of the best for the kitchen garden, as it is extra early.

Packet, 10 cents; ounce, 20 cents; ¼ lb., 40 cents; lb., $1.00.

Dewing's Improved Early Blood Turnip. Turnip-shaped, smooth, tender, and good. Pkt., 5 cts.; ounce, 20 cts.; ¼ lb., 40cts.; lb., $1.00.

Extra Early Egyptian Blood Turnip. A standard sort; ten to twelve days earlier than the old Blood Turnip; fine for forcing and for first early crop out of doors. Roots rich, dark crimson, with very small tap roots; flesh dark blood-red, zoned with lighter shade; crisp, sweet and a desirable and profitable Beet for the market gardener, as well as an exceptionally good variety for the home garden.

Packet, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.

Early Eclipse. This variety is exceedingly popular, and is one of the best early sorts; The tops are small, admitting of close planting, and the roots are globular in shape. Flesh fine-grained, very sweet, crisp and tender; dark red, zoned with a lighter shade.

Packet, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.

Crosby's Egyptian. A carefully selected strain of Egyptian, as early as the original, but larger, thicker, smoother, and of better quality. Flesh deep, blood-red. It is a rapid grower, attaining a usable size quicker than almost any other variety, and does not become woody with age. Profitable in almost any soil and extremely satisfactory for the small gardener as well a for the market. Packet, 10 cents; ounce, 25 cents; ¼ pound, 40 cents; pound, $1.00

THE ROCHESTER BEET

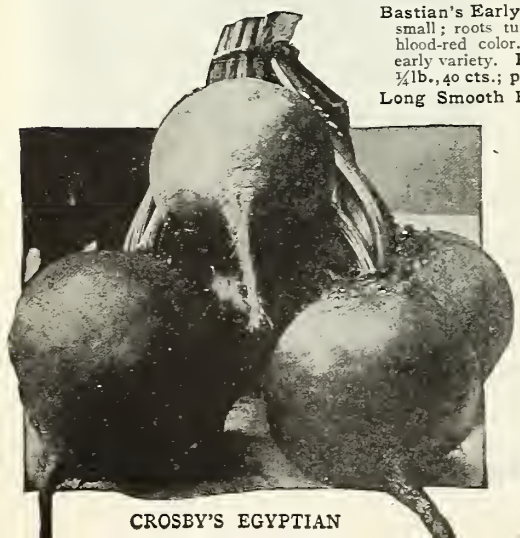
Bastian's Early Blood Turnip. Tops small; roots turnip shaped; flesh tender, blood-red color. An extra good medium early variety. Pkt., 10 cts.; oz., 20 cts. ¼ lb., 40 cts.; pound, $1.00.

Long Smooth Blood Red. Tops large, with good-sized long roots, tapering, and growing even with the surface; dark red; flesh very sweet and tender, remaining so until spring. A popular winter sort.

Packet, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.

Vick's Early Market. For those who want an extra early variety, here is a good, new kind. Nearly globe-shaped with small tap root; flesh red, fine grained. It is especially recommended for "Beet Greens," being considered by many fully as delicious flavor and quality as spinach. We have a fair supply this year and the price is very low. Pkt, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00

Early Wonder. A deep blood-red beet, nearly globular in shape, with a small, clean tap root and a small sized top. One of the earliest and most uniform bunching beets that can be grown. A field of Early Wonder will mature so evenly that the entire crop may be harvested at one time. Packet, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.



CROSBY'S EGYPTIAN

SWISS CHARD - Gains in Popularity!

Same Use as Spinach - Can be Prepared Like Asparagus and Greens

Here is a delicious vegetable that can be easily grown. Europeans value it very highly and it is rapidly growing in favor among Americans. Swiss Chard is used extensively either as greens or in the same manner as Asparagus, when only the rib is eaten. It may also be cooked and eaten like Spinach. Seed may be sown in April or May in drills 18" apart and 1½" deep. Thin the plants to 10 or 12" apart and cultivate the same as for the common Red Beet. The outer leaves should either be cut off close to the base of plant or pulled off when young, and may be picked continuously from June until frost, for when the leaves are cut others take their places very rapidly.

Packet, 10 cents; oz., 25 cts.; ¼ lb., 40 cts.

LUCULLUS or GIANT CHARD—Most Popular of All. This strong-growing Swiss Chard with stalks as thick and broad as Rhubarb with leaves that are large and heavily crumpled, yields enormous amount of greens. A splendid "Spinach" beet. We particularly recommend this variety. Don't fail to plant Chard this Spring.

Large Ribbed Silver. Large, thick, red-colored and tender leaves—excellent as greens. Large and crisp stems—ideal substitute for Asparagus.

Large Ribbed Yellow Brazilian. Stems and veins a beautiful golden yellow. Leaves slightly crumpled. Ribs or leaf stems tender and juicy.

LUCULLUS. Wholesome and Appetizing. Replaces Spinach. Most popular of all varieties in the American market.

Dwarf Green Curled Scotch Kale

Borecole or Kale

Hardy plant of the cabbage family. Of easy culture. Extensively grown for greens. Sow early in June and transplant. May be left outdoors all winter long. Flavor improves after they have been touched by frost.

Packet, 10 cents; oz., 25 cts.; ¼ lb., 50 cts.

Tall Green Curled Scotch. Finely curled. Hardy. Grows 3 ft. tall. Leaves are bright green. Very attractive.

Dwarf Green Curled Scotch. Low Growing. Compact. Beautiful color. Bright green. Hardy. Productive variety of most excellent flavor.

MANGEL WURZEL

For Stock Feeding

Very valuable for stock feeding, particularly in sections where it is too cold to grow a good crop of Corn. The roots are juicy, sweet and nutritive, act as a mild laxative, and keep cattle in good health thus tending to produce flesh and increase the flow of milk. Sow 5 or 6 lbs. per acre in drills. Sow broadcast, 15 to 20 lbs. per acre.

All varieties, ounce, 15 cents; ¼ lb., 25 cents, Post paid.

Vick's Mammoth Long Red. Heaviest Crop, largest of all. A single root often weighs 20 to 30 lbs. Extra large, long roots. Skin bright red; flesh white, veined pink. Very nutritious. Enormously productive, yielding under favorable conditions 30 to 40 tons of roots per acre.

Golden Tankard. Highly prized by dairymen for its milk-producing qualities. Valuable because of its richness in saccharine matter. All stock will thrive on it. Deep yellow flesh. Very sweet and tender. The large roots are oval in shape and therefore easy to pull.

Vick's Golden Giant. Smooth, russet yellow skin. Flesh white, firm and sweet.

Kelway's Best of All. Of good size and high value.

Giant Half Sugar Rose. Color deep rose. Rich in Saccharine.

Sludstrup Barres. Here's a large tonnage of sugar and other food material than ever before realized from any other variety.

Danish Taaroje. Best for heavy or shallow soil. Golden Yellow.

SUGAR BEETS

Cattle Fattener

Relished by stock because of the amount of saccharine contained. Very desirable as a fattener. When planted for sugar crop from 6 to 8 pounds per acre will be required. Seed may be sown in drills 20 to 30" apart.

All varieties: oz., 15 cents; ¼ lb., 25 cents; ½ lb., 35 cents; 1 lb., 60 cents post paid; larger quantities 50 cts. lbs. not prepaid.

Klein Wanzleben Sugar. Cultivated almost exclusively for sugar.

Imperial White Sugar. One of the sweetest and best. Desirable for stock of all kinds.

BROCCOLI - Winter Cauliflower

White Cape. Increasing in popularity. Hardier and easier grown vegetable than Cauliflower. Where falls and winters are mild it is splendid late crop.

Packet 10 cents; ½ oz., 60 cents; oz., $1.00; ¼ lb., $2.50

Give Good Seeds Best Chance Make Gardening Easy

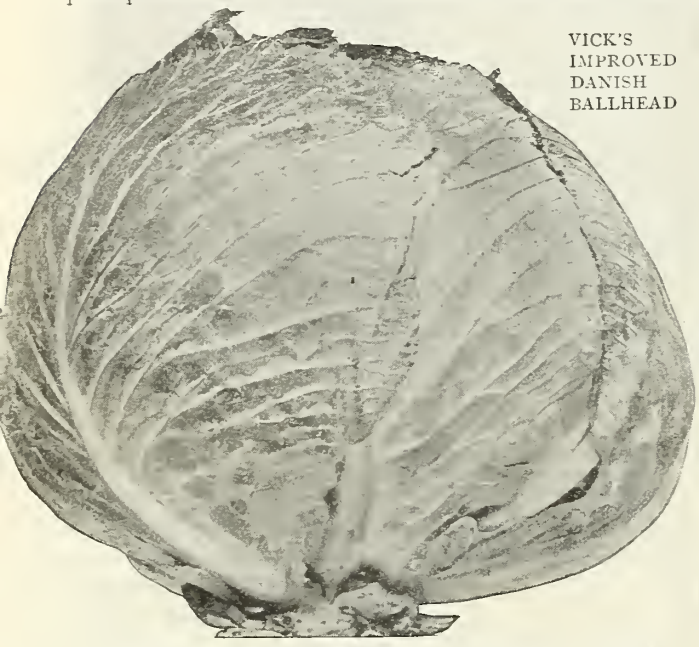
Insure big crops and fine quality by using gardeners helps described on pages 92 to 95.

VICK'S CABBAGE

Repolio, Span. Cavolo Capopucci, Ital.

WE WONDER how many of the readers of this catalogue know these facts about cooking Cabbage: First, place the Cabbage sliced properly in boiling salted water. Cook about twenty or twenty-five minutes, not more, uncovered. If you have never tried this plan, you will be surprised how much it adds to the delicious quality, the tenderness, digestibility and the freedom from odor. If the American people in general knew these facts, it would increase the use of Cabbage enormously. Cooked this way, Cabbage is a delicacy fit for the choicest table. Cabbage is grown so easily and may be kept through the winter so safely that an ample stock should be grown.

Seed of early kinds should be started under glass; the late kinds outdoors, protected from late frosts. When the permanent bed is ready, the plants, which should have at that time about four to six leaves, should be transplanted to the garden; the small, early kinds about eighteen inches apart; the larger varieties in rows three feet apart, two feet apart in the row. About four ounces of seed are required per acre. **To those growing for market we shall be pleased to quote special prices on large lots.**



VICK'S IMPROVED DANISH BALLHEAD

Vick's Improved Danish Ballhead. Heads hard, solid tender, and crisp. The leading late sort. Danish Ballhead is more largely grown for market than any other late variety, and without a doubt is the best of the late sorts. It frequently commands a higher price in the market than any other late variety. It is remarkable for the solidity of its heads and long-keeping qualities. The heads are of medium size, measuring from eight to ten inches in diameter, with few outer leaves, admitting of close planting; exceedingly fine-grained, hardiest of all, tender, crisp, solid, with no waste heart. Under fair conditions will average six pounds per head.
Packet, 10 cts.; oz., 35 cts.; ¼ lb., $1.00; lb. $3.75.

Vick's Short-Stemmed Early Danish Ballhead. A choice strain selected from he famous Danish Ballhead Cabbage, that has become one of the best and most popular sorts both for home and market growing. The heads are very large; as round as balls and as solid as bullets. It is short-stemmed and as strong and vigorous as any American variety. Fully two weeks earlier and will keep and ship as well as Danish Ballhead. Packet, 10 cents; oz., 40 cents; ¼ lb., $1.15; lb. $3.85.

All Seasons A very superior, sure-heading, long-keeping sort, unsurpassed by any other. The heads are large, nearly round, somewhat flattened, very solid, and of the best quality. Packet, 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb. $2.50

Glory of Enkhuizen. Very solid. Nearly round. Of medium size weighing from six to eight pounds trimmed. Excellent flavor. Popular with commercial growers. Packet 10 cents; oz., 25 cents; ¼ lb., 75 cents; 1 lb., $2.50.

Improved American Savoy. The Savoy Cabbages deserve to he better known in America. They are superior to other Cabbages for cooking, having greater tenderness and delicacy of flavor. Improved American Savoy is the best of all either for market or kitchen garden, and a reliable header.
Packet, 10 cts.; oz., 25 cts.; ¼ lb; 75 cts.; lb., $2.50.

Selected Early Jersey Wakefield. The heads are conical in shape, solid and compact. The quality is very firm, sweet and tender. Without doubt the most popular extra early variety.
Packet, 10 cts.; oz., 25 cts.; ¼ lb. ,75 cts.; lb., $2.50.

20th Century. This variety introduced by us is grown for us in Denmark, the home of the famous Danish Ballhead Cabbage, and is one of the earliest round head Cabbages yet introduced. The heads are round, medium sized and solid.
Packet, 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Charleston, or Large Wakefield. A strain of Wakefield in which the heads are much larger and not so pointed; matures about a week later.
Packet, 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

All-Head Early. Deep, flat head. Very uniform in size and color. The earliest of all extra large Cabbages. The leaves are compact, thus admitting close planting. A good keeper, desirable for both early fall and winter.
Packet, 10 cts.; oz., 25 cents; ¼ lb., 75 cts. lb., $2.50.

Earlier Golden Acre. NEW. This is the earliest strain of the famous new Golden Acre which is regarded as the best fine quality large round extra early variety. Our new strain is about three or four days ahead of Golden Acre, and equally fine in quality.
Packet, 15 cents; ½ oz., 25 cents; oz., 40 cents; ¼ lb., $1.00.

Copenhagen Market

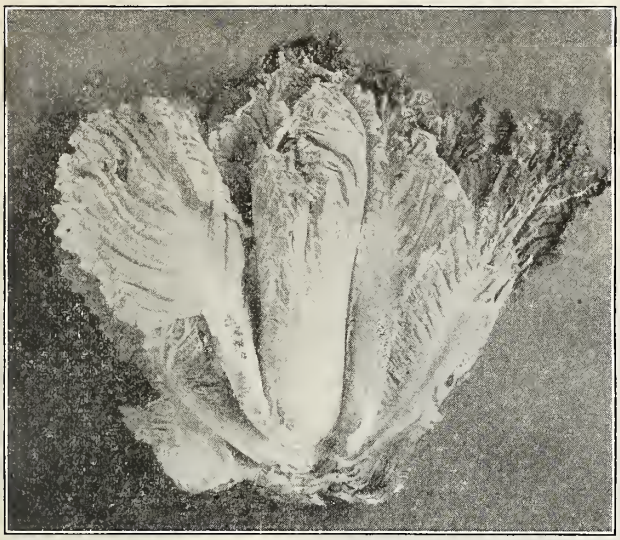
Extra Early, Solid, Great Yielder

One of the best early cabbages for the home garden and for market purposes. They are very solid, having a small core, are round and average about eight pounds. The plants are short stemed, producing the heads almost on the surface of the ground. Yield more per acre than Early Jersey Wakefield and ready just as early. Very productive. Keeps well until mid-winter.

Best Danish Grown: packet, 10 cents; oz., 30 cents; ¼ lb., 90 cents.

Copenhagen Market

Vick Quality in Cabbage Seed may make all the difference between a crop of cabbage heads and a crop of cabbage leaves



HEAD OF CHINESE CABBAGE CUT OPEN TO SHOW THE CRISP, TENDER, BLANCHED HEART, ONE OF THE FINEST SALADS

Premium Late Flat Dutch. An old, reliable, and popular Cabbage. It produces large, solid heads of superior quality, keeping in best condition for a long time.
Pkt., 10 cts ; oz., 25 cts ; ¼ lb., 60 c.; lb. $2.00.

Mammoth Rock Red. This is a fine red Cabbage and a most reliable header. The quality is excellent. The head is extra large, round, very solid and of a deep red color.
Packet, 10 cts.; oz., 40 cts.; ¼ lb., $1.15 cts., lb. $3.75

Surehead. One of the best main crop or late varieties, being very hardy, sureheading and of delicious flavor. Heads are large, broad, slightly flat and very solid. Very tender and sweet. Excellent for the home garden or for field culture. Pkt, 10 c.; oz., 25 c.; ¼ lb., 75c.; lb., $2.50.

OTHER STANDARD VARIETIES OF CABBAGE

In addition to the varieties described above in detail, we offer the following excellent standard sorts. Early Spring, Danish Stonehead, Improved Succession, Autumn King or World Beater, Louisville Drumhead.
Pkt., 10c.; oz., 25c.; ¼ lb., 75 c.; lb. $2.50.

Chinese Cabbage

The leaves, when young, are crimped and of a light green color. The plant as it becomes older, grows more upright and forms heads much like Cos Lettuce. The inner leaves blanch an attractive light yellow or creamy white with very white midribs. It has a distinctive flavor, very mild and pleasant. It can be served as a salad like Lettuce or cooked like other Cabbages.

Chinese Cabbage should be sown in this latitude at the same time as Turnips, after the first of July. Earlier plantings run quickly to seed in hot weather. Sow in drills 14 to 20 inches apart, and thin the seedlings 2 or 3 times, or, if grown for the market, start in boxes and transplant like late Cabbage.

Pe-Tsai. This is often called Celery Cabbage. It grows rapidly and matures heads in less time than other varieties. Requires no transplanting.
Pkt., 10 cents; oz., 35 cents; ¼ lb., $1.00; lb., $3.50.

Chihli. Earliest of the Chinese varieties. An excellent addition to your table delicacies. Pkt., 15 cents ; oz. 40 cents ; ¼ lb., $1.15 ; lb., $3.75.

VICK'S CAULIFLOWER

WHAT VEGETABLE dish is more delicious or dainty than fresh, tender Cauliflower especially of the highly developed varieties listed below? To our mind nothing surpasses the appetizing quality of this increasingly popular food. Cauliflower is as easy to grow as Cabbage and in many respects much more interesting. How many of our readers know that the Cauliflower heads when ready for market are merely the flowering buds out of which, if the plants were allowed to grow, long branching seed stems would develop? Sow seed for earliest crops in pans, boxes or hot bed in February or March according to latitude. If possible, transplant at least once before setting in the open ground. Set plants in rows at least eighteen inches apart in rich loamy soil. One ounce should produce about 3,000 plants.

Vick's Ideal. This variety has exactly the qualities that make it the leading kind for market or private use. It is one of the earliest, as well as being an invariably sure leader forming large, pure white, solid heads of finest quality even under unfavorable conditions. Pkt, 20 cts ; ¼ oz., 75 cts. ; oz., $2.50.

Early Snowball. Next to Vick's Ideal we can recommend Early Snowball as one of the earliest and surest heading varieties. Its dwarf habit and short outer leaves allow it to be planted very close—eighteen to twenty inches apart. It is well adapted for forcing under glass throughout the winter and spring.
Packet, 15 cents ; ¼ ounce, 75 cts.; oz., $2.50.

Danish Perfection One of the best early varieties, much like Snowball, but a week later. Has an abundance of outer leaves making it especially easy to blanch. No leaves protrude through head.
Pkt., 15 cts. ; ½ oz., 70 cts.; oz., $2.25.

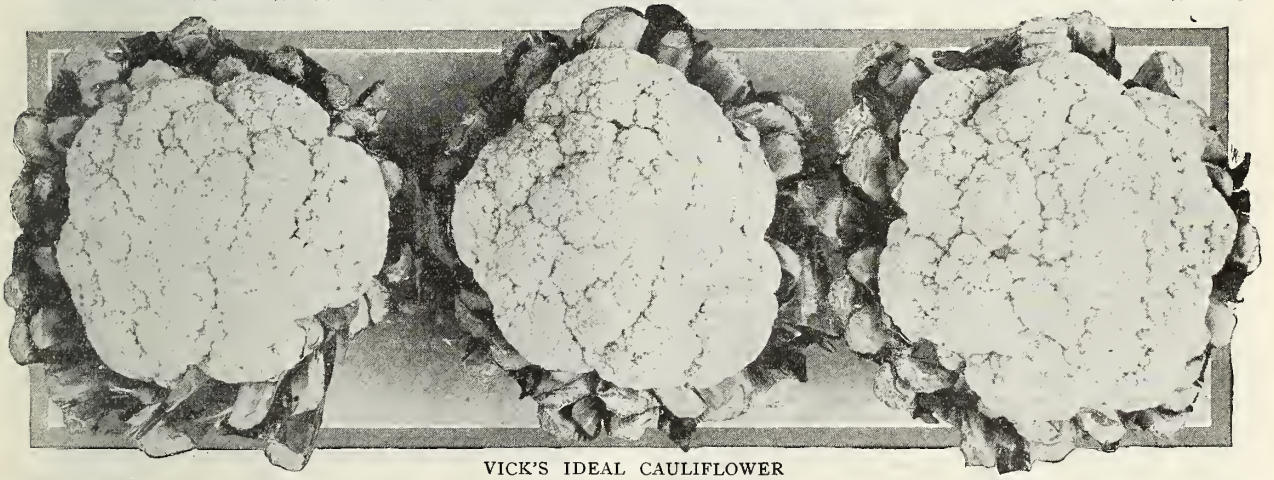
Erfurt Earliest Dwarf. This variety will stand the test with any extra early sort. It is very dwarf in habit, producing pure white heads of great solidity and finest quality; quite desirable for forcing or for planting in open ground. Packet, 15 cents ; ¼ oz., 60 cts.; oz., $1.75.

Vick s Danish Giant (Dry Weather). Its main feature is the fact that it will stand an unusual amount of dry or warm weather and still produce perfect, solid heads. Packet, 15 cents ; ¼ oz., 75 cents; oz., $2.25.

Early Paris, or Nonpareil. This is a well known standard French variety. Producing very early, good-sized, pure white heads, which are tender and delicious. Packet, 10 cts.; ¼ oz., 30 cts.; oz., $1.00.

Veitch's Autumn Giant. A good distinct late variety, producing large firm, pure white heads. Pkt, 10c; ¼ oz.. 35c; oz., $1.00.

Large Late Algiers. One of the best late sorts. A sure header. Endures a considerable freeze. Pkt, 10c; ½ oz. 35c.; oz., $1.00; ¼ lb., $3.00



VICK'S IDEAL CAULIFLOWER

Try raising Cauliflower. By following directions anyone can supply himself from his garden with this delicious vegetable

VICK'S CARROTS (See illustrations in color opposite page 33.)

MODERN cooking methods furnish numerous recipes in which Carrots are a most delicious dish. Creamed, alone, or in combination with Peas or other vegetables, they meet the approval of the most epicurean taste. They are used extensively in the best restaurants. For home use they are deservedly increasing in popular favor, not only as a table delicacy, but because of their high food value. For stock feeding the nutritive value of Carrots surpasses most other vegetables. Every stock owner should plant at least a small acreage of Carrots to supplement his fodder ration next winter to take the place of grain. In proportion to other costs they furnish very cheap food. Sow in drills one-half inch deep, one ounce for 100 feet; three to four pounds per acre.

Earliest French Forcing. The earliest of all varieties, and especially adapted for cultivation under glass, both on account of its earliness and the shortness and small size of its roots. It is also one of the best sorts for the table; delicate, fine grained, and remarkably fine flavored. It is used by leading gardeners for bunching for early market. Root orange-red. Top very small.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 45 cents.

Early Scarlet Horn. This is a favorite for the early crop. It is not large, and is sold extensively in all markets bunched. The tops are small; roots top-shaped, stump-rooted, therefore easily pulled. Grows well in shallow soil.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 45 cents.

Half-long Nantes Stump-rooted. Of medium size, admirably adapted for bunching, and one of the best for summer use in the home garden. Roots about six inches long, very smooth and cylindrical, with no core; very sweet and tender.
Packet, 10 cents; ounce, 25 cents; ¼ pound, 75 cents; pound, $2.00.

Chantenay Stump-rooted. One of the best early Carrots in cultivation. In shape it is midway between the Half-Long Nantes Stump-Rooted and the Guerande or Oxheart varieties, nearly equaling the former in length, and having the broad shoulder and tapering root of the latter. Its color is orange-red; the flesh crisp and tender. Early and a heavy cropper. A Carrot which market gardeners should plant as a main crop.
Packet, 10 cents; ounce, 25 cents; ¼ pound, 75 cents; pound, $2.00.

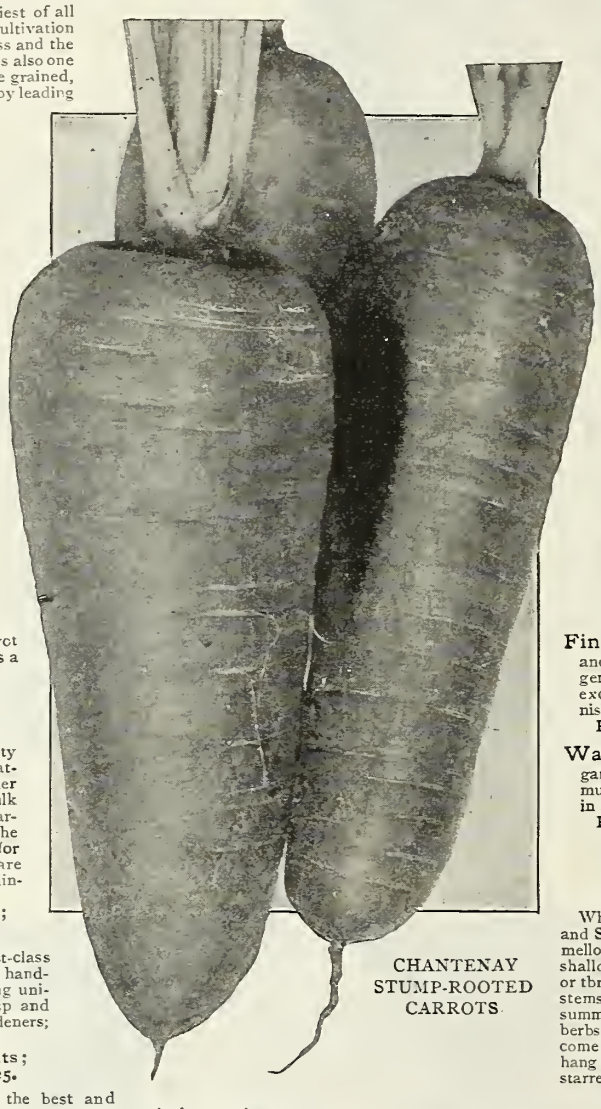
Guerande or Oxheart. This variety has given great satisfaction. While not attaining one-half the length of many other varieties it will compare favorably in bulk of crop, as on good land it will produce Carrots from 2½ to 3 inches in diameter. The crop can be pulled by hand. Excellent for table use, as well as for stock. Roots are about five inches long, smooth and cylindrical; good for heavy soils.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 45 cents.

Danvers Half Long Orange. A first-class variety; flesh dark orange. The smooth, handsome roots are of medium length, tapering uniformly to a blunt point; flesh sweet, crisp and tender. A great favorite with market gardeners; also valuable for a field crop.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 50 cents; pound, $1.25.

St. Valery Intermediate. One of the best and handsomest main-crop Carrots. The roots are symmetrical, tapering regularly from the shoulder to tip, smooth, and free from side roots. Enormously productive. Very desirable for private gardens, as well as for market.
Packet, 10 cents; ounce, 25 cents; ¼ pound, 75 cents; pound, $2.00.

Improved Long Orange. It grows to a large size, some specimens measuring twelve inches in length. Enormous crops can be grown under fair culture. One of the best varieties for feeding stock.
Packet, 10 cents; ounce, 25 cents; ¼ pound, 75 cents.

VICK'S CORELESS. This variety has been used successfully by some of our most critical market growers and has proved to be one of the best table carrots. In shape it resembles Danvers Half-long being cylindrical and stump rooted. It is as nearly coreless as any carrot yet produced. Very sweet and tender.
Packet, 10 cents; ounce, 25 cents; ¼ pound, 75 cents; pound, $2.25



CHANTENAY STUMP-ROOTED CARROTS

New Butter Carrot. We get this from the originator in Denmark. One of the best early table varieties. Long, slender, deep orange, scarlet, fine grained, tender, luciously sweet and almost coreless. Just the kind for best table use.
Packet, 15 cents; oz., 25 cents. ¼ lb., 75 cents.

CIVES OR CHIVES

These are very hardy perennial plants, belonging to the Onion family. They are grown exclusively for their tops, which are used for giving mild onion-like flavor to soups, stews, etc. Planted in clumps in any good garden soil, they grow readily.
Roots, per bunch, 25 cents.

For a continous supply of Carrots for table use

Earliest French Forcing	10c
New Butter Carrot	15c
Vick's Coreless	10c
Chantenay	10c
At regular price	45c

SPECIAL OFFER
One packet each for 35c

CRESS, Peppergrass

Fine Curled. Rapid growing, dwarf and compact. The leaves are crisp, pungent, finely cut and ornamental, and are excellent either as a condiment or for garnishing. Will bear cutting several times.
Pkt. 10 cents; oz., 20 cents.; lb., $1.00.

Water. Highly esteemed for salads and garnishing. Does well with out care in mucky situations, or on the edge of streams, in shallow water. Perfectly hardy.
Packet, 10 cents; ½ oz., 35 cents.

USEFUL HERBS

Each, per packet, 10 cents.

Why not utilize the corners for a few Pot and Sweet Herbs? They thrive best in a rich, mellow soil. Sow the seed early in spring in shallow drills, one foot apart; when up to two or three inches transplant. The leaves and stems may be used for flavoring during the summer and dried for winter use. Gather the herbs on a dry day, just before they have come into full blossom. Tie in bunches and hang them where they dry quickly. Items starred (*) are perennial.

Anise, for garnishing and flavoring.
Basil, Sweet, for flavoring.
Borage, leaves used as salad and flavoring.
*Caraway, seeds used in pastries.
*Catnip, has medicinal qualities.
Coriander, seeds aromatic.
Dandelion Improved Thick Leaved, used largely for spring greens.
Dill, seeds used for flavoring pickles.
*Fennel, Large sweet, for flavoring.
*Lavender, (Spica) medicinal.
Lavender Vera. True.
Rosemary, fragrant leaves.
*Rue, medicinal.
*Saffron, medicinal, also for dying.
*Sage, culinary and medicinal.
Savory, Summer, culinary herbs.
Sorrel, French, used like spinach.
Sweet Marjoram, dried leaves for flavoring.
*Thyme, Broad Leaved Winter, medicinal and culinary.
Thyme Summer.
*Wormwood, medicinal.
Lavender Roots, by mail, each, 25 cents; doz., $2.50.
Sage Roots, by mail, each, 25 cts.; doz., $2.50.

Carrots are rich in vitamines and valuable mineral salts. Serve them fresh from your own garden, crisp, sweet, tender.

VICK'S CELERY - rich, nut-flavored, tender

IF you want first class Celery with all its original rich nutty flavor and tenderness, grow it yourself and have it fresh and crisp out of your own garden. Celery is not hard to grow and even the amateur can secure very satisfactory results especially with the improved varieties shown below. It will thrive in any rich, mellow soil with proper care. Sow seed in an open seed bed as early as soil can be worked, or in the house or hot bed in March for early plants. As plants grow, thin and transplant at least once and finally, set into rich, thoroughly prepared soil. Full cultural directions on the back of each packet. One ounce of seed will produce four to five thousand plants. One-quarter to one-half pound per acre.

Golden Self-Blanching

Vick's Special French Grown Seed

No other Celery offered to the American people approaches this in long keeping quality, flavor, color or habit of growth

Golden Self-Blanching forms a solid stalk, tender and crisp; the delicate cream-yellow color makes it attractive when offered for sale as well as inviting when on the table. The flavor is of the best—rich and nutty. In habit of growth it is stocky, uniform in height, and very compact. This variety originated in France and our seed is grown by the originator, who ships it directly to us; it is the best that money will buy.

Without exception truckers and market gardeners who grow this variety get top notch prices in the market. Numerous instances have come to our attention where growers have received $400 to $500 per acre more for their celery than their neighbors. The owner of every garden, no matter how small, with reasonable care, under favorable conditions, with this seed can raise celery for his own table which will vie with that used at the most expensive banquet—large tender stalks, juicy, nutty, fragrant, sweet,—a salad fit for the gods.

Packet, 15 cents; ½ oz., 65 cents; oz., $1.00; ¼ lb. $3.00.

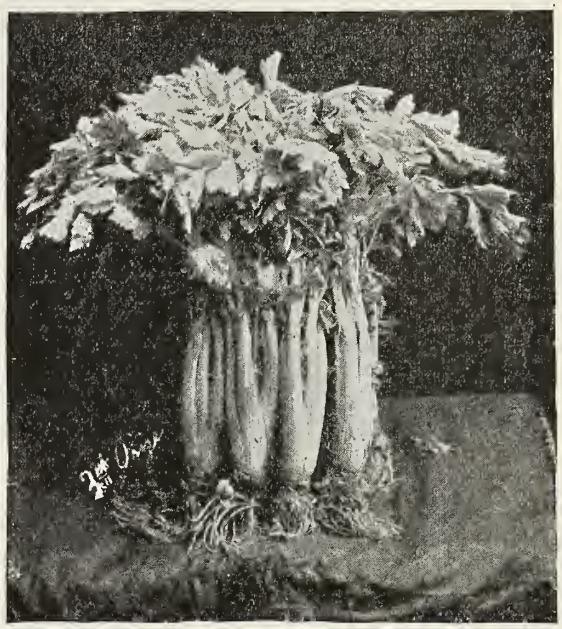
Vick's American Grown Self-Blanching Celery

It has for years been a well recognized fact that the best strains of Celery, especially of the Self-Blanching kind, have come from a small section of France. Until recently we had never found a strain of American seed in which we had much confidence.

We have finally succeeded, however, in having some seed grown from the original French stock by one of the leading growers of celery in this country and find it very successful. This seed has been thoroughly tested and has proven very similar to the French in style of growth, solidity and color. Some of our leading Celery growers in this vicinity are now using all American grown seed, and pronounce it very satisfactory.

Pkt., 10 cent; ½ oz., 35 cents; oz., 65 cents; ¼ lb. $2.00.

Golden Plume or Wonderful Celery



Golden Self Blanching

Vick's Easy Blanching. A splendid second early variety of recent introduction. Stalks dwarf, white and solid; foliage light green. Flavor is excellent. Unlike most early varieties "Easy Blanching" is a good keeper.
Packet 10 cents; ½ oz.; 25 cents; oz., 45 cents; ¼ lb., $1.25.

White Plume. A variety especially adapted to cultivation by amateurs as its inner stalks and leaves are naturally white, and do not require blanching by the old process of high banking. By tying up the stalks and drawing up the soil with the hoe, the work of blanching is complete. Tender crisp and of good flavor.
Packet, 10 cents; ½ oz., 25 cents; oz., 40 cents: ¼ lb., $1.25.

Winter Queen. A splendid new variety, having the long keeping qualities of the winter celery and blanching easily, like the Golden Self-Blanching. Hardy, vigorous and of fine quality.
Packet, 10 cents; ½ oz., 25 cents; oz., 40 cents; ¼ lb. $1.25

Giant Pascal. This is a selection from the Golden Self-Blanching Celery. The stalks are very large, thick, solid, and crisp and keep well into the winter. It has a fine nutty flavor, and is free from any trace of bitterness. It blanches with but slight earthing up and retains its freshness a long time after being marketed.
Packet, 10 cents; ½ oz., 25 cents; oz., 40 cents; ¼ lb., $1.25.

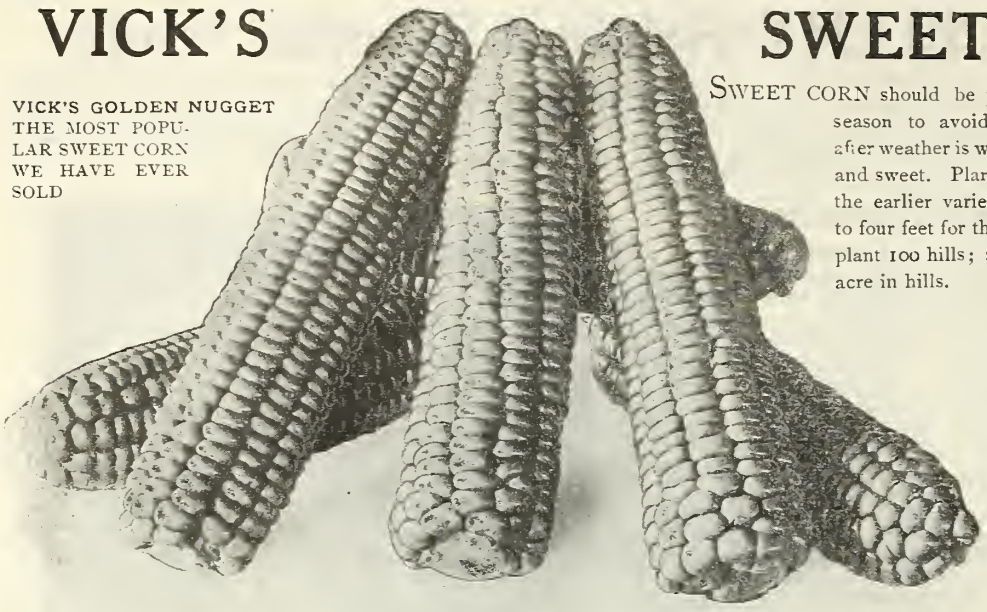
Turnip-Rooted (Celeriac) Large Smooth Prague. An improved form of the Turnip-rooted Celery. Roots large, round and smooth, and free from side roots; a profitable variety for market gardeners. Sow seed same as Celery, transplant into rows two feet apart and about six to eight inches in the row. No earthing up is required for Celeriac, as it is the roots which are the edible portion of the vegetable. **Packet, 10 cts; ½ oz., 20 cents; oz., 35 cts; ¼ lb., $1.00.**

GOLDEN PLUME CELERY

A new variety which we whole heartedly recommend as being one of the finest American varieties which has been produced. This is the variety which won nearly every prize in the National Celery Contest conducted by the Vegetable Growers' Association of America. It will mature a week earlier, is larger, blanches more easily and is more distinctly blight-resistant than Golden Self Blanching to which it is very similar in color and flavor. It is the result of careful selection and development for the past twenty years in the very finest strains of Celery. The strain which we offer we consider the finest available. It has been selected for exceptionally large solid hearts. Not a winter keeper. **Per packet, 15 cents; ⅛ oz., 25 cents; ½ ounce, $1.00; oz., $1.50; ¼ lb., $5.00; 1 lb., $15.00.**

VICK'S SWEET CORN

VICK'S GOLDEN NUGGET
THE MOST POPULAR SWEET CORN WE HAVE EVER SOLD



SWEET CORN should be planted late enough in the season to avoid cold weather. Does best after weather is warm and soil becomes mellow and sweet. Plant in hills, three feet apart for the earlier varieties, and three and one-half to four feet for the late ones. One pound will plant 100 hills; sixteen to twenty pounds an acre in hills.

Vick's Golden Nugget

The most popular Sweet Corn we have ever sold.

Ready for table use only a few days after Golden Bantam. See illustration in color opposite page 33.

Vick's Golden Nugget was the first really good quality, yellow Sweet Corn ever offered, several years ahead of Golden Bantam. Its tenderness, luscious flavor, attractive appearance, vigor and productivity have made it one of the most popular of the yellow varieties. If you like yellow Sweet Corn, as nearly everybody does, we recommend, for a succession throughout the season, Whipple's Early Yellow, Golden Sunshine, Golden Bantam, Vick's Golden Nugget and Bantam Evergreen.

Vick's Golden Nugget usually produces two or three and sometimes as many as four ears to a stalk. The ears are large, frequently running seven to eight inches in length, and have ten to fourteen rows of plump, tender, sweet, delicious kernels. It is particularly attractive when cooked, showing a rich creamy color, and tastes as good as it looks. In season Vick's Golden Nugget follows shortly after Golden Bantam, while the yield is twice as great. Vick's Golden Nugget, the pioneer in popularizing yellow Sweet Corn, was developed on our own farms with the idea of producing the sweetest Corn obtainable.

Packet, 10 cents; ½ lb., 20 cents; lb., 35 cents, postpaid.

EARLY VARIETIES

For lower prices on larger quantities see page 45

Whipple's Early. A fine new early white variety with large handsome ears. Very popular with market growers and truck farmers. **Per packet, 10 cents; ½ lb., 20 cents; lb., 35 cents, postpaid.**

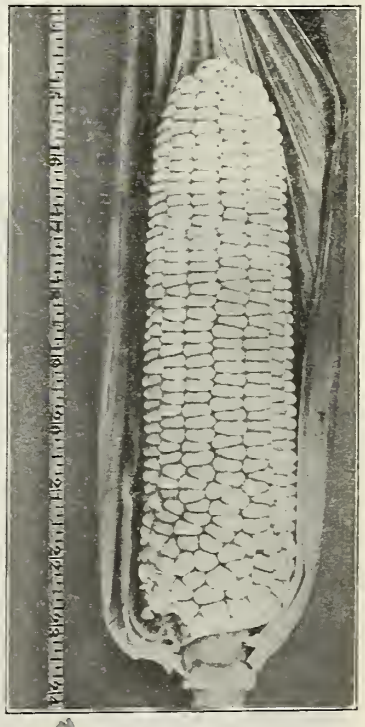
Whipple's Early Yellow. Very similar to Whipple's Early except that it is a yellow variety and is said to be even earlier than Whipples Early. The ears are exceptionally large and handsome. **Per packet, 10 cents; ½ lb., 20 cents; lb., 35 cents, postpaid.**

VICK'S MORNING DEW. The Largest Extra Early White Sweet Corn Ever Developed. Introduced by us in 1920. Developed after several years of careful plant breeding and selection. While the ears are as large as the late kinds they mature only a week or ten days later than Golden Bantam. In quality and flavor it is unsurpassed by any other White Sweet Corn. Extremely prolific, it will regularly yield two to three ears to the hill. For the truck gardener this variety is a wonder, as the large handsome ears coming so early in the season, are readily sold at fancy prices. Illustration in natural color opposite page 33. **Packet, 10 cents; ½ lb., 20 cents; lb., 35 cents, postpaid.**

Vick's Earliest of All. This is in fact the "earliest of all." Very excellent, tender, and sweet. To market gardeners this variety is of great value, as the first Sweet Corn will bring two or three times the price commanded when the supply becomes general. Also desirable for the home garden. **Packet, 10 cents; ½ lb., 20 cents; lb., 35 cents, postpaid.**

Mammoth White Cory. An excellent sort, but little later than Earliest of All. The stalks are large, and each stalk bears two or more large, fine-shaped twelve-rowed ears; remarkable for its good quality for so early a sort. All gardeners who cater to the best trade should plant this variety. **Packet, 10 cents; ½ lb., 20 cents; lb., 35 cents, postpaid.**

Golden Sunshine. A valuable new introduction. Here is the description of the originator: "The earliest of the Golden Bantam type, maturing a week to ten days earlier than that variety. More dwarf in habit than Bantam, with ears 6½ inches long. Containing 12 rows of broad, yellow, sweet grains. Especially desirable for its extreme earliness." **Packet, 15 cents; ½ lb., 25 cents; lb., 40 cents.**



WHIPPLE'S EARLY YELLOW

The new Whipple's Early and Whipple's Early Yellow varieties will please both the home gardeners and market grower

EARLY VARIETIES

Continued

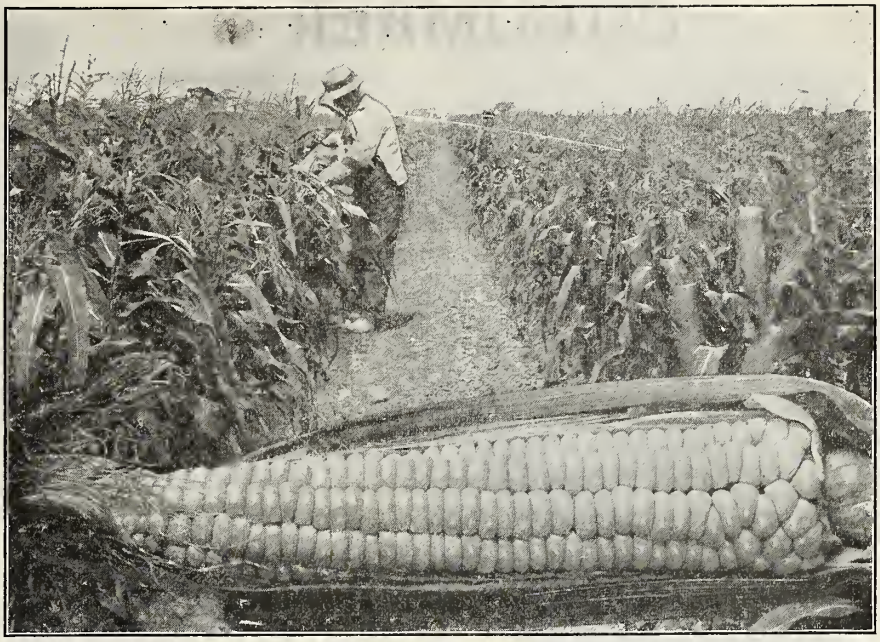
For prices on larger quantities see p. 45

Extra Early Golden Bantam. Golden Bantam is early, very hardy and will stand planting earlier in the season than other varieties. It grows about four feet higb, bearing one or two medium sized ears of a rich, golden, yellow color. When cooked is exceedingly sweet and tender. It is considered one of the best and most popular varieties ever introduced. We have been carefully breeding up our stock of Golden Bantam until we now have a strain whicb is mucb larger, more productive and still retains its earliness and excellent eating qualities. Notice tbe pictures on this page showing two views of our growing crop.

Pkt., 10 cts.; ½ lb,, 20 cts.; lb., 35 cts., postpaid.

Golden Giant. A comparatively new variety of real merit. As its name implies, it is golden yellow in color, produces ears of unusually large size; it is a strong vigorous grower, very productive, possibly a little earlier tban Vick's Golden Nugget.
Well worth a trial in your garden,

Packet 10 cts; ½ lb., 20 cts; lb., 35 cts postpaid.



INSPECTING OUR GROWING CROP OF GOLDEN BANTAM CORN.

LATER VARIETIES

Any of the following. Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts. Postpaid
For prices on larger quantities, see page 45

Bantam Evergreen. A cross between the famous Golden Bantam and Stowells Evergreen resulting in a corn about the size and shape of Evergreen and retaining the sweetness, color and high quality of the Golden Bantam.

Howling Mob. One of the best-flavored and most tender varieties. Ears average eight inches long with fourteen to sixteen rows of pearly white juicy kernels. Medium early.

Early Evergreen. This fine variety is from ten to twelve days earlier than Stowell's; and though it is not quite as tall, it yields large, handsome ten or twelve-rowed ears.

Stowell's Evergreen. For many years this variety has stood at the head of the list of late Sweet Corn, and it bids fair to hold the position for years to come. For main late crop, for tbe family garden, for tbe market grower and the canner, it is unexcelled.

Black Mexican. The ripe grain of this novel variety is black or bluish black, but when in condition for tbe table looks remarkably white. Tbis is considered the sweetest and most tender of any variety of Sweet Corn.
Excellent variety for popping.

Country Gentleman. A delicious Corn for family use. The ears are good-sized and produced in great abundance. Its long, small, milky kernels are full of sweetness; the cob is small, and the corn white and tender; it is sure to please. It is somewhat later than Stowell's Evergreen.

POPCORN

Shelled corn, packet, 10 cts; ½ lb., 20 cts; lb., 30 cts., postpaid. By Ex. or Frt. not prepaid, 5 lbs., $1.10 .; 10 lbs., $2.10; 25 lbs., $5.00.

Red Beauty. One of the most prolific popcorns grown, as high as 3 to 4 handsome dark red ears to the stalk and the earliest of the large eared corn. Pops white and full. In our opinion the finest popcorn grown. Ready for popping earlier after harvest tban any other variety, Illustratration in color opposite page 33.

White Rice. Most popular for general use. White, sharp-pointed kernels.

Queen's Golden. Fine yellow variety; creamy white.

CHICORY

Large-Rooted Long Magdeburg. Sow Chicory seed as early in tbe spring as the ground can be worked, in drills half an inch deep and fifteen inches apart, and in mellow soil. The after-culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The dried roots are used as a substitute for and adulterant of coffee.
Pkt., 10 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $1.75.

Witloof Chicory or French Endive. A delicious vegetable, very easily grown. The tender white stalks which are used for eating are grown, from roots which can be raised from seed sown early in June, in drills. In November the roots are dug and the tops cut off, leaving about one and a half inches of the leaf stalks. These roots are then planted out of doors for use the following spring, or they can be forced in boxes inside. In either case the roots are set in sand or soil in upright positions with tops about six inches below the surface. For indoor growing the boxes can be set in the cellar or other cool place. The tender shoots can be used as a salad raw, or are delicious cooked.
Packet, 10 cts; oz., 30 cents; ¼ lb., 90 cts.; lb., $2.75.

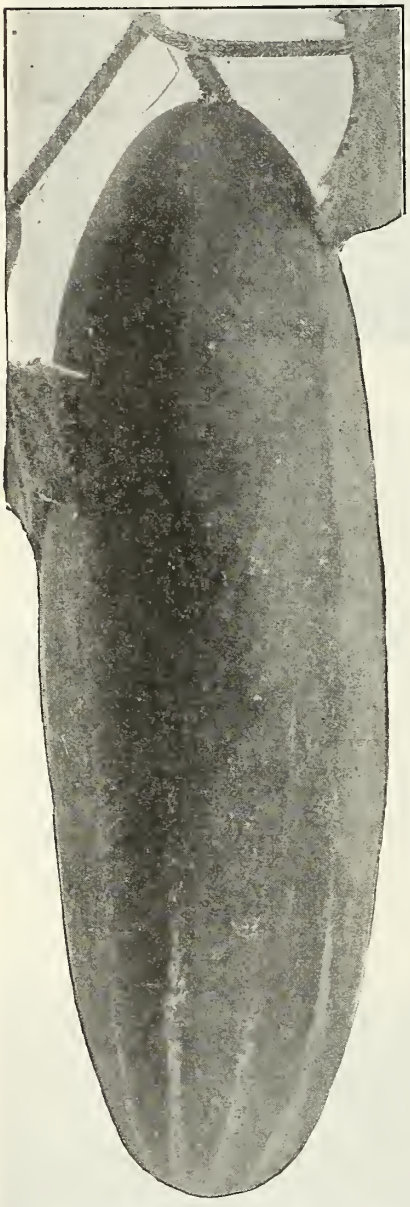
THIRTEEN ACRES OF OUR SPECIAL STRAIN OF GOLDEN BANTAM SWEET CORN GROWING FOR SEED.

We have an extra fine strain of Early Golden Bantam which is a great improvement over ordinary stocks.

CUCUMBER

FROM the many varieties of Cucumbers, we have selected those offered below as being unexcelled for home and market gardens. We do not believe they can be surpassed by any other list of equal number.

In this latitude it is useless to plant in open ground until about the first of June. Make hills two feet in diameter and about six feet apart, and enrich them with well-rotted manure. Plant a dozen or more seeds in a hill, covering half an inch deep. When plants begin to spread pull all but three or four of the strongest plants. One ounce of seed for fifty hills; two pounds per acre, planted in hills.



VICK'S PERFECTION WHITE SPINE

I am very much pleased with the seeds and I am going to tell my neighbors where I got them. C. A. C.
New Cumberland, Pa.

Cool and Crisp. A strain of the White Spine, but longer and more cylindrical. Very early and exceedingly prolific. While it is esteemed most highly as a pickling sort, it is one of the very best for slicing, being tender, crisp, and of fine flavor. **Pkt. 10 c.; oz., 20c.; ¼ lb., 50c.; lb., $.150.**

Vick's Abundance. Without a doubt this is one of the very best Cucumbers we have ever grown, being more prolific, of better shape, and of a richer dark green color than any other variety known. Vick's Abundance was originated by one of the best market gardeners in the world-famous vegetable growing section near Rochester. The quality of Abundance is unsurpassed. It has a very small seed cavity and few seeds, and measures 8 to 10 inches in length. Abundance is smooth and symmetrical, and has a beautiful, clear, dark green color. It does equally well in the greenhouse for forcing, or outside in the garden.
Packet. 10 cents; ¼ oz., 20 cents; oz., 50 cents.

Improved Long Green. A well-known standard variety about twelve inches in length, of most excellent quality, and when young makes the best of pickles. When ripe it is the best, of any for sweet pickles. Vines vigorous and very productive. Our strain of this valuable sort is unsurpassed being carefully selected from the best fruits.
Pkt., 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.50.

Early Green Cluster. A short pale green variety. Fruit borne in clusters near the root; rather prickly; containing few seeds. A productive sort and very satisfactory for pickles.
Pkt., 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.50.

Vick's Improved Early White Spine. Very popular in all sections of the country. Flesh tender and crisp; uniform in size, straight and dark green, with few white spines.
Pkt., 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.50.

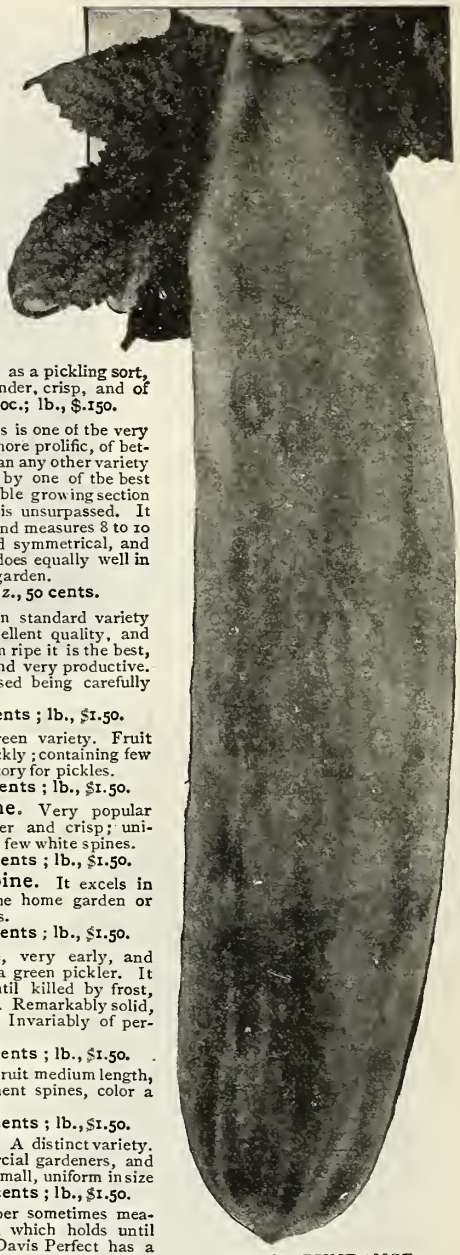
Vick's Early Perfection White Spine. It excels in earliness, and is one of the best for either the home garden or forcing; also extensively grown for pickles.
Pkt., 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.50.

Thorburn's Everbearing. Small size, very early, and enormously productive, and valuable as a green pickler. It continues to flower and produce fruit until killed by frost, whether the cucumbers are picked off or not. Remarkably solid, with very few seeds, and of fine quality. Invariably of perfect form, even when small.
Pkt., 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.50.

Chicago or Westerfield Pickling. Fruit medium length, pointed at each end, with large and prominent spines, color a deep green. Extensively grown for pickles.
Pkt., 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.50.

Green Prolific or Boston Pickling. A distinct variety. A favorite with pickle growers and commercial gardeners, and good for table use. Quite productive. Fruit small, uniform in size
Pkt., 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.50.

Davis Perfect. This long, slim Cucumber sometimes measures twelve inches in length; the color, which holds until nearly ripe, is a rich, dark, glossy green. Davis Perfect has a fine flavor and is very tender and brittle. A choice variety for forcing under glass or for outside culture.
Pkt. 10 cts.; oz., 20 cts.; ¼ lb., 55 cts.; lb. $1.75



VICK'S ABUNDANCE

Vick's Lemon Cucumber is nearly round, with yellow and green markings and smooth skin, similar to the Lemon. The flesh is tender, crisp, and possesses a sweetness and flavor surpassing all other Cucumbers. The fruit is from two and a half to three inches in diameter, and very attractive in appearance. For pickling either when green or ripe, they are unexcelled.
Packet 10 cents; oz., 20 cents; ¼ lb., 55 cts.;

Earliest of All. An extra early prolific Cucumber; the fruit full and uniform, tapering slightly at both ends. Color, a good, deep green. It is a week to ten days earlier than Extra Early White Spine, and because of it's extreme earliness is a very desirable variety both for the home garden and those who grow for the market. **Pkt., 10 cents; oz., 20 cents; ¼ lb., 45 cents; lb., $1.25.**

Japanese Climbing. A strong and vigorous variety growing nearly twice the length of ordinary sorts, and one that can be grown on trellises, fences, or poles. Can be used for screens, as the foliage is much heavier than other kinds. The fruit is from ten to twelve inches in length and of excellent quality either for slicing or pickling. **Packet, 10 cents; oz., 20 cents; ¼ lb., 55 cents; lb., $1.75.**

I received your letter of the 16th and wish to thank you for the very fine treatment which you are giving me. It is a pleasure to do business with a house such as yours. L. K. W.
Skowhegan, Me.

Abundance is among the finest of our extra fine cucumbers, and it well deserves an important place in every garden

LEEK

Puerro, Span.; Porro, Ital.

The Leek is a mild onion-like plant that should be better known. The long, blanched necks are milder and more tender than the onion. The green tops are esteemed superior to the onion for flavoring soups, etc., their strong odor disappearing in cooking. Sow as for onion.

Packet, 10 cents; oz., 30 cents; ¼ lb., 80 cents; lb., $2.50.

Monstrous Carentan. A new and valuable strain of the superior Leek; of extra large size, easily blanched and of the finest quality

Broad Flag. An old favorite. Large, hardy, and productive,

FENNEL

Hinojo, Span.; Finocchio, Ital.

To those who are looking for "something different" we recommend a trial of the Florence Fennel. It has an agreeable aromatic flavor resembling celery, but its odor is more delicate and its taste sweet. It may be used as a salad or cooked in various ways; it will be found a pleasing addition to the vegetable list. It is an easily cultivated vegetable, maturing quickly from seed sown in spring. The thickened bases of the leaf-stalks form a bulb-like growth, which is blanched by earthing up like celery. Sweet Fennel is an herb grown for its aromatic seeds only.

Florence. With large bulb-like, thickening of stalk at base.
Packet, 10 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.00.

Fennel Sweet. Pkt. 10c.; oz., 15c.; ¼ lb., 40c.; lb., $1.35.

KOHL RABI

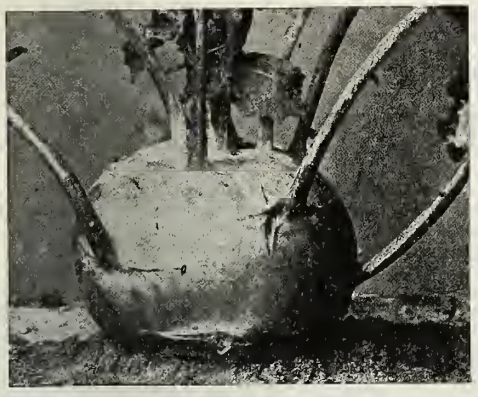
Col rabano, Span.; Cavolo rapa, Ital.

Kohl Rabi is sown for general crop in the spring, like the Turnip, in drills, or may be transplanted like Cabbage. For winter table use, sow middle of June. Gather when small and tender, as later it becomes tough and stringy. The stem, just above the surface of the ground, swells into a bulb something like a Turnip; it is cooked like that vegetable, and is much sweeter and of fine flavor. One ounce will sow 200 feet of drill.

Packet, 10 cents; oz., 30 cents; ¼ lb., 90 cents; lb., $3.00.

Early White Vienna. Delicate; much prized for forcing.

Early Purple Vienna. Another forcing variety, similar to above except in color.



KOHL RABI

ENDIVE

Endivia, Span.; Endivia, Ital.

Endive is an excellent autumn and winter salad; especially when blanched. It is also used extensively for garnishing, and if boiled makes fine "greens." Sow seed late in the spring or even as late as July, in shallow drills, fifteen inches apart, and when plants are strong, thin out to about a foot apart. To blanch, gather up the outer leaves over the center of the plant, and tie them together at their tips. Sow one ounce of seed to 100 feet of drill.

Pkt., 10 cts., oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Moss Curled. Foliage very dense and beautifully fringed.

Green Curled. The hardiest variety. Leaves dark green, finely cut; easily blanched to a fine white. The flavor is pleasantly bitter, stimulating and zest-giving.

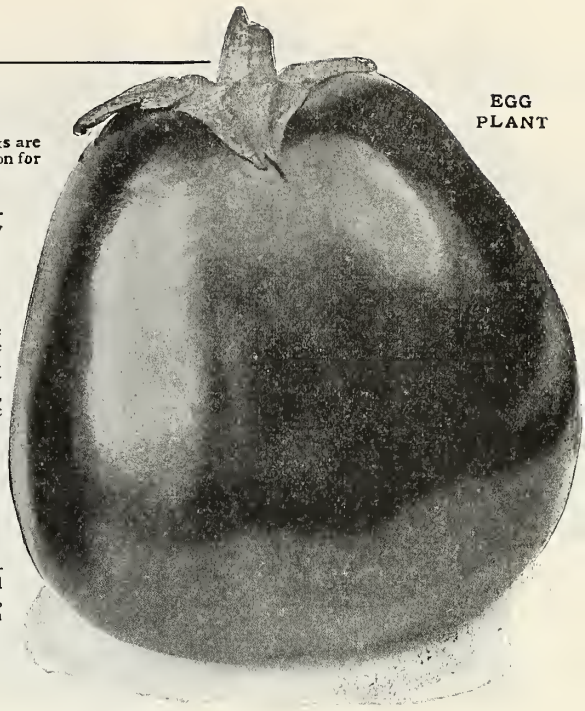
White Curled. Foliage somewhat coarser than the Green Curled, moderately dense, pale green.

Broad-Leaved Batavian. (Escarolle.) The most popular variety for the market. Leaves broad, thick, somewhat wrinkled. Excellent for "greens" and flavoring soups and stews, as well as for salads.

French Endive (Witloof Chicory) See page 27

MOSS CURLED AND BROAD-LEAVED BATAVIAN ENDIVE

Endive as a salad is fine and cannot be surpassed. It is fast coming into its own, growing more popular every day



EGG PLANT

EGG PLANT

Berengena, Span.; Petronciano, Ital.

Egg Plant is a deliciously flavored, easily prepared vegetable that should be more widely known. It can be grown with little difficulty.

Those who have no hotbeds can sow a few seeds in boxes in the house, where a temperature of 75° can be maintained. Plant out early in June two and a half feet apart. One ounce will produce about 1,500 plants.

Black Beauty. Distinct and fine. The fruit is quite as large as Improved N. Y. Purple, and from ten days to two weeks earlier than that variety. It is very attractive in appearance, and of excellent flavor. **Packet, 10 cts.; ½ oz., 40 cts.; oz., 60 cts.; ¼ lb., $1.75.**

Improved New York Purple, Spineless. The standard for home use and market Very popular in all the city markets, and the easiest, finest and largest variety grown. The fruit is large, smooth, round, of the highest quality, and very productive.
Packet, 10 cts.; ½ oz., 40 cents; oz., 60 cents; ¼ lb., $1.75.

HORSERADISH

Taramago, Span.; Rafano, Ital.

Horseradish is grown from pieces of the roots. Mark off rows two and one-half feet apart, in rich, moist, well prepared ground; set the pieces of roots eighteen inches apart in the rows, the small end down, and the top, one to two inches below the surface. Cultivate thoroughly until the tops cover the ground, when their shade will keep the weeds down.

New Bohemian. Produces mammoth roots. Extra early. Better yielder than the old variety and succeeds in light or heavy soil. **Dozen, 25 cents; per 100, $2.00, postpaid.**

On this successful market garden farm Vick's Lettuce and other seeds are used almost exclusively. 30

LETTUCE - Solid Heading Varieties

Do city folks when they sit down to tables garnished with the most delicious Lettuce salad ever wonder how such large, crisp, tender, creamy white heads of Lettuce are produced? Our grandmothers knew only of the loose and rather coarse and tough-leaved varieties. In the last twenty-five years astonishing developments in varieties have finally produced the monster heading tender kinds of today. The varieties listed below are the finest of all the solid heading kinds among which Big Boston is used more largely than any other.

EARLY MAY KING

BIG BOSTON

Vick's Special Strain

Our special strain of Big Boston Lettuce is the top-notch development of this variety and is now used almost exclusively by the largest and most successful market growers. Hundreds of acres are grown every year from our seed. Not infrequently our growers have received as high as $2000 per acre and more while their neighbor's crop from inferior seed have scarcely paid expenses. The picture of the field shown above represents the kind of stock which Vick's Special Strain of Big Boston produces. Not only is Big Boston one of the best varieties for the large market grower, but it is also one of the best head varieties for the home gardener. The heads are large solid, creamy white, very fine grained and very delicious. The plants are sure headers and stand a long time before seeding. When the plants are thinned 10 to 12 inches apart, the heads grow to a large size especially in good rich soil. Big Boston heads up under cool weather conditions better than any other. See illustration in color opposite page 32.

Per packet, 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50

EARLY MAY KING. This variety is very early and hardy, grows to a good size, six to seven inches in diameter, heads round and solid. May be planted out of doors or under glass, and will produce heads earlier than any other variety. Outer leaves tinged with brown, the inside a rich golden yellow. A remarkable variety and of unexcelled flavor. **Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $1.75.**

Iceberg. A very solid heading variety with curled, finely indented leaves which are all strongly incurved, thus the center is always thoroughly blanched. **Packet, 10 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $1.75.**

Vick's Special Strain Big Boston - the king of all head lettuce is successfully used by thousands of the best growers.

SOLID HEADING VARIETIES (Continued)

Crisp as Ice. A splendid and distinct Cabbage Lettuce, well adapted for family and home market use. The heads are solid, of large size and handsome shape. When cut open they have a rich creamy heart, and are so tender and brittle as to warrant the name "Crisp as Ice." The leaves are thick and glossy, handsomely crimped and curled, the outside variegated with dark bronze and green. Pkt., 10 c.; oz., 25 c.; ¼ lb, 75 c.; lb., $2.00.

Golden Queen. A fine, quick growing head Lettuce, and one of the best sorts for early outdoor planting as well as for growing under glass. The color is a beautiful golden yellow; the plants medium size and very compact. The heads are so solid that there is no waste whatever, and they really contain more substance than many varieties showing double the size.

Packet, 10 cts.; oz., 35 cts.; ¼ lb., $1.00; pound, $3.00.

All Seasons A very large Cabbage heading variety. Outer leaves are unusually large, thick and dark green. Heads large, solid, deep yellow, buttery and finely flavored. This variety will hold up longer and stand more hot weather without going to seed, than any other of its type. A splendid shipper and is worthy a place in every garden.

Pkt., 10 c.; oz., 20 c.; ¼ lb., 50 c.; lb., $1.50.

Improved Hanson. A standard summer Lettuce; none more reliable for out-door cultivation. The heads grow to a remarkable size, and are very solid. The outer leaves are a bright green, while the inner head presents a white appearance, as though blanched; tender and crisp, and free from any unpleasant bitter taste. It is slow to seed, and is an ideal Summer Lettuce.

Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

New York or Wonderful. Sometimes called Western Iceberg and is shipped in large quantities to Eastern markets from some western states Is now second only to Big Boston in popularity. It forms a globular solid large head that is wonderfully crisp and tender the inner leaves being creamy white. An excellent variety for the home garden.

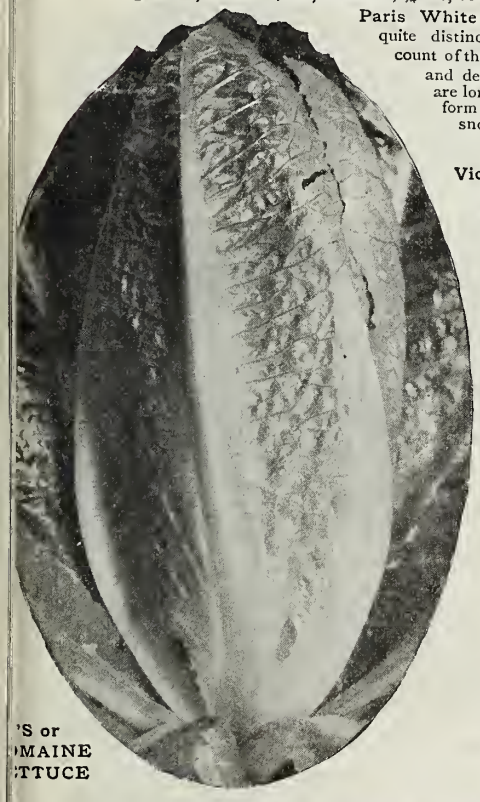
Packet, 10 cents; oz., 30 cents; ¼ lb., 90, cents; lb., $2.75.

COS or ROMAINE LETTUCE.

Packet, 10 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $2.00

Paris White Cos. Cos lettuce is quite distinct and popular on account of their tender, crisp leaved and delicate flavor. The leaves are long and narrow, and soon form solid heads, and bleach snow white.

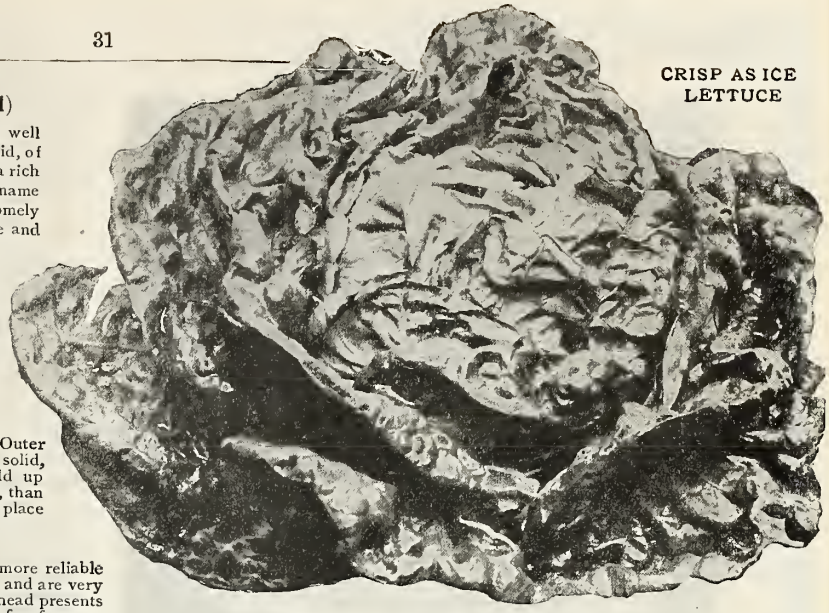
Vick's Trianon. A new variety grown especially for us. It grows large and is uniform, crisp and tender. It stands a long time before going to seed. The leaves are narrow and turn in at the top, therefore it is not necessary to tie them up to blanch



'S or
MAINE
TTUCE

To Grow Lettuce

Lettuce to be at its best should be grown as rapidly as possible, hence the soil should be made rich and mellow by liberal manuring and thorough preparation. For general crop, sow outdoors as early in the spring as the ground can be worked, in drills eighteen inches apart and thin the young plants to four inches apart in the row. As the plants begin to crowd, thin them out and use as required. In this way a much longer succession of cuttings may be had from the same ground. For the cabbage or heading varieties where large heads are desired, the plants should be thinned ten to twelve inches apart in the row.



CRISP AS ICE LETTUCE

Barre Plains, Mass.

"Have had Vick's seeds three years now and we certainly have had wonderful success." *Mrs. Lester F. Backus.*

CURLED OR LOOSE LEAF VARIETIES

Grand Rapids Forcing. There is no better forcing variety among the curled-leaved sorts than the Grand Rapids, and it is quite as good for out-door culture as other sorts. Large, beautiful leaves, very crisp and tender. Frequently a house full of this Lettuce will average one half pound to a plant.

Packet, 10c.; oz. 20c.; ¼ lb., 60c.; lb., $2.00.

Early Curled Simpson (Silesia). Forms a close compact mass of leaves that are large and broad, crimped and blistered, and light green in color. Not desirable for forcing with bottom heat. It is however recommended for planting in cold frames, and extensively grown in the open.

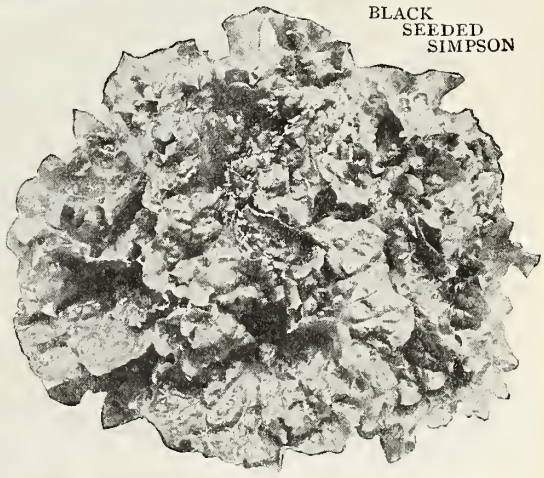
Packet, 10c.; oz., 20c.; ¼ lb., 50c.; lb., $1.50.

Prize Head. Is very large; stained with red; outer leaves curled; very crisp and tender; slow in running to seed.

Packet, 10c.; oz. 20c.; ¼ lb., 50c.; lb., $1.50.

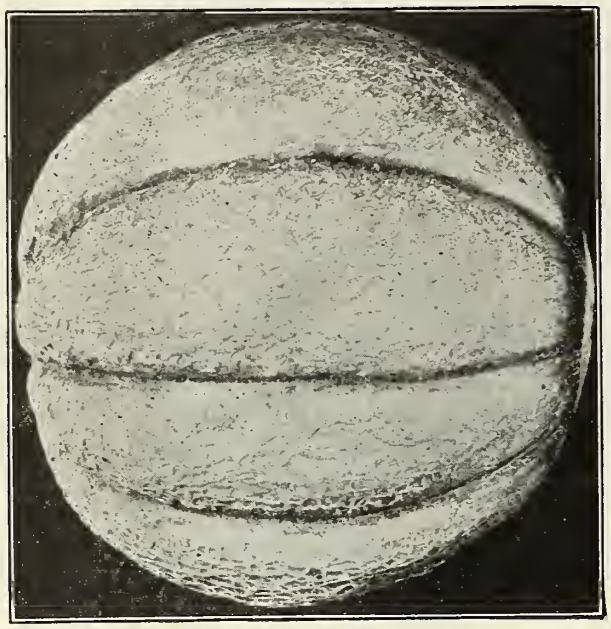
Black-Seeded Simpson. The most popular sort of all the non-heading varieties. One of the best for use under glass as well as for early outdoor planting. The plants form large, loose heads; outer leaves a light, yellowish green, with inner leaves blanched almost white. Resists the heat and remains long in a good edible condition.

Packet, 10c.; oz. 20c.; ¼ lb., 50c.; lb., $1 50.



BLACK SEEDED SIMPSON

Early-May King is a popular variety for growing under glass. Many of our Market Gardeners plant this variety exclusively.



VICK'S IRONDEQUOIT. THE FINEST MUSKMELON GROWN

MUSK MELON

Melon. Span. Meloo, Ital.

MUSK MELONS are among the choicest of our summer table delicacies. The beautiful color of the flesh, which varies from pale green to dark orange according to the variety, makes the Muskmelon appealingly attractive to the eye, while its delicious flavor sweet, rich and melting, is a delight to the palate. They are easily grown and since they require less time to mature may be planted in more Northern latitudes than the Watermelon and in colder and heavier soils. With a little extra care Melons of the finest quality may be raised in the home garden. Plant in hills six feet apart when the ground has become warm and dry and after placing a little manure in each hill. One ounce of seed is sufficient for fifty hills; two pounds for an acre, in hills.

VICK'S IRONDEQUOIT

The following word picture, which by the way is not overdrawn a bit, by Jack W. Speare of the Todd Protectograph Company, appeared in the "Bumble Bee", the weekly paper of the Rochester Ad Club.

"Jentle Reader, didja ever sink your face clean up to the ears into a genuine home grown Irondequoit mush melon? Didja? Gee! It's a picture no artist can paint. About the size of a peck measure or, if the gods are kind, maybe a peck and a half. All faded and sandy outside, like a disappointed pun'kin; but inside, Oh Boy! a luscious, globular ooze of gay Persian orange, shading away to deepest, most enticing sea green at the edges. A symphony of color to the eye, a rhapsody to the taste, as each festive, melting morsel goes trickling down a surprised and delighted gullet with a case of cramps lying in wait if you go too far. But never mind, Death, where is thy sting if we can shuffle off blissfully with our features buried fathoms deep in a home grown mush melon!"

Anyone can have this delighttul experience by ordering some of our Special Strain of genuine Vick's Irondequoit which bas heen constantly improved by selection and is now better than ever. **Per packet, 15 cents.**
Oz., 30 cents; ¼ lb., 90 cents.

I had an ounce of your Irondequoit Melon seed last year and I must say they are the best melons I have ever raised here. That is the reason I am buying more of them this year.
North Milwaukee, Wis. *T. K.*

I am 16 years old. Last Spring I bought some Irondequoit Muskmelon seed. Some I planted in the open ground the last of May. I had 98. Every melon was perfect and everybody that I sold to or who ate one said that these were by far the best of any melons they had ever eaten. Truly I never tasted such luscious, melting, juicy, sweet, melons in my life. Maine being the northernmost state of our Union, considering the climate, I think that they bore exceedingly well. Your pleased customer,
Brighton, Maine *A. C. D.*

'I raised a 12⅛ lb., Irondequoit Melon here. Many over 10 lbs."
Omaha, Nebr. *L. S. U.*

It will interest you to know I got Irondequoits from your seed last season weighing 9 1-2 pounds and the mayor, a college professor, and others said they were the finest they ever tasted. *W. H. S.*
Indianola, Iowa.

OTHER LARGE VARIETIES

Packet;. 10 cts; oz., 20 cts; ¼ lb., 50 cts; lb., $1.50. Except as noted.

Extra Early Hackensack. Very popular, producing large, handsome, extra early Melons of best quality. Flesb green; most delicious flavor.

Montreal Nutmeg. Fruit of tbe largest size, often attaining a weight of fifteen to twenty pounds. Sbape nearly round, flattened at tbe ends, deeply ribbed; flesb remarkably thick, green, melting, and of tbe finest flavor.

Surprise. A medium to large size melon, oval, distinctly ribbed, and covered witb patches of netting. When tbe fruit is mature it has a light yellow skin. Flesb is deep salmon in color and of very good quality. Vines are hardy and productive. Very popular with Market Gardeners.

The Bender. (Bender's Surprise) A very popular melon in Eastern Markets. Flesh is deep orange, thick, and deliciously flavored; rind is ligbt green changing to golden tint wben ripe, heavjly ribbed and netted. Later than Irondequoit and more oblong in sbape. Tbe melons are uniformly large. Often weighing from 8 to 10 pouuds with superior shipping and keeping qualities. The next best substitute for genuine Irondequoit.
Packet 10 cents. ounce 25 cents, ¼ lb. 75 cents.

MEDIUM-SIZED VARIETIES

Packet, 10 cents; oz. 20 cents; ¼ lb., 50 cents; lb. $1.50.

Vick's Prolific Nutmeg. Vines hardy, vigorous. Fruit medium size, round, slightly flattened at ends, ribbed, with distinct netting; flesh green. tbick, solid, delicious, spicy flavor. One of tbe best for tbe home garden.

Osage, or Miller's Cream. A remarkably fine variety, of medium size, oval, dark green, handsomely netted, slightly ribbed. Flesh uniformly thick, of firm texture, rich salmon, highly flavored and delicious to the rind. Cavity very small. Good keeper and shipper.

Burrells Gem, Pink Flesh. This is a splendid melon of the Rocky Ford type but mucb larger and a few days later. The fruit is oblong, distinctly ribbed and beavily netted. A splendid variety for either the bome or market garden.

Extra Early Knight. (Sweet Air.) An extremely early medium sized melon of recent introduction. Tbe fruit is ohlong, distinctly ribbed and bandsomely netted. The flesh is tbick and very sweet. Color medium green blending to light pink at the center. Tbis is tbe earliest high quality melon for the northern grower and it is bound to grow in popularity as it becomes better known. It is also an excellent shipper. It is a splendid variety for the home garden as well as a popular sort for those who grow for market.

EXTRA EARLY KNIGHT MUSKMELON

If you want the best all-around Muskmelon either for the home garden or the market, plant Vick's Irondequoit.

Seven Leading Varieties

	See Page	Packet Price
1. Prosperity Peas .... *One of the best extra earlies.*	36	10c
2. Pencil Pod Wax Beans *Always satisfactory.*	18	10c
3. Early Golden Bantam Corn ..... *Most popular kind ever grown.*	27	10c
4. Vick's 3 weeks Radish *The best extra early.*	39	10c
5. Big Boston Lettuce .. *Largest selling variety.*	30	10c
6. Silver Skin Onion ... *Best for bunching.*	34	10c
7. Rochester Beet ..... *Very popular everywhere.*	20	10c
	Regular Price	70c

SPECIAL OFFER All 7 Packets **50c**

Ten Splendid Standbys

	Price per pkg.	*Description on page*
Earliana Tomato	10c	41
Vick's Scarlet Globe Radish	10c	39
Red Beauty Pop Corn . . .	10c	27
Danvers Yellow Globe Onion	10c	34
Golden Nugget Sweet Corn	10c	26
Morning Dew Sweet Corn	10c	26
Oxheart Carrot	10c	24
Danvers Half Long Carrot	10c	24
Chantenay Carrot	10c	24
Beet, Detroit Dark Red . .	10c	20

One packet each, all 10 varieties, 75c

MUSKMELON, con'd

SMALL VARIETIES

Packet; 10 cents; oz. 20 cents; ¼ lb. 45 cents

Rocky Ford. (Netted Gem) This is the most popular of the small Melons being extensively grown and shipped in car-loads for the markets. It is one of the finest early Melons, and one of the best for market gardeners and shippers as well as for the home garden. It is oval in shape, slightly ribbed, and covered with a coarse netting. The flesh is thick, green in color, very sweet and juicy, and solid clear to the rind.

Emerald Gem. Small to medium, globular in form, flattened ends; skin smooth, slightly ribbed. Flesh thick, ripening close to the rind, deep rich, salmon color, deliciously flavored and of superior quality.

Jenny Lind. Extra early. One of the oldest. Fruit small, round, flat on both ends, deeply lobed, and finely netted. Flesh green and luscious. Comes into market first of all.

HONEY DEW MELON a Casaba

Packet, 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.50

A new winter melon which begins to ripen in July and continues bearing and ripening all summer and fall until frost comes. The melons picked late in the season can be stored in a cool house or cellar and will ripen slowly, so that they can be marketed from time to time until late in January or early February. The rind is thin but very tough; of greenish-yellow color, without netting. The deep, aromatic flesh is emerald green in color and honey sweet.

Varieties in Color on Opposite Page

TOMATO—Vick's Improved Earliana. Our special improved strain is by far the most satisfactory early Tomato grown. It is so vastly superior to the ordinary run of this variety that it is entitled to special consideration if not a distinct name. For further description see P. 41. Pkt.. 10 cts.; ½ oz.. 25 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $4.00.

RADISH—Vick's Early Scarlet Globe. Vick's Early Scarlet Globe Radish is the best all-around Radish on the market. It is handsome in both form and color, a beautiful oval and a rich scarlet; the flesh is crisp, tender, juicy and mild. Further description see P. 39. Pkt. 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.25.

POPCORN—Red Beauty. One of the most prolific popcorns grown, as high as 3 to 4 handsome dark red ears to the stalk and the earliest of the large eared corn. Pops white and full. In our opinion the finest popcorn grown. Ready for popping earlier after harvest than any other variety. Illustration in color opposite page 33. Packet, 10 cents.

ONION—Danver's Yellow Globe. Vick's Own Selected Strain. This variety is the standard in the eastern markets both for local use and shipping. It produces bulbs of usable size early in the season, so that it is a profitable variety all summer. The globular shape and the satiny yellow skin make it attractive in appearance at all times. The flesh is pure white, crisp and tender, while the flavor is sweet and mild. Further description see P. 34. Pkt., 10 ct.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., $2.50.

SWEET CORN—Vick's Golden Nugget. The most popular Sweet Corn we have ever sold. Ready for table use only a few days after Golden Bantam. See illustration in color opposite page 33. Vick's Golden Nugget was the first really good quality, yellow, Sweet Corn ever offered, several years ahead of Golden Bantam. Its tenderness, luscious flavor, attractive appearance, vigor and productivity have made it one of the most popular of the yellow varieties. For further description see P. 26. Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts., postpaid.

SWEET CORN—Vick's Morning Dew. The largest extra early white Sweet Corn ever developed. While the ears are as large as the late kinds they mature only a week or ten days later than Golden Bantam. In quality and flavor it is unsurpassed by any other White Sweet Corn. Extremely prolific, it will regularly yield two to three ears to the hill. Pkt. 10 cts.; ½ lb., 20 cts.; lb., 35 cts., postpaid.

CARROT—Guerande or Oxheart. While not attaining one-half the length of many other varieties it will compare favorably in bulk of crop. Good for heavy soils. Further description P. 24. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.

CARROT—Danver's Half Long Orange. A first-class variety. The smooth, handsome roots are of medium length, tapering uniformly to a blunt point; flesh sweet, crisp and tender. Further description page 24. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

CARROT—Chantenay Stump-rooted. One of the best early Carrots in cultivation. Its color is orange-red; the flesh crisp and tender. Early and a heavy cropper. For further description see page 24. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.00.

BEET—Detroit Dark Red. In color and shape it is unsurpassed. Roots medium in size, globular, and very smooth; skin a dark blood-red; flesh deep bright red, fine-grained, tender and sweet, remaining so long after other varieties become woody. The standard Beet both for market and home gardener. Further description see page 20. Pkt., 10 cts.; oz., 20 cts.; ¼ lb, 40 cts.; lb., $1.00.

WATERMELON

Zandia, Span.; Melone d aqua, Ital.

WHILE no other fruit gets its picture on the funny page quite as often as Watermelon, the fact remains that nearly everbody likes it. Moreover folks are finding out that Watermelons can be grown wherever Cucumbers succeed.

Plant in hills eight or ten feet apart. The same culture as recommended for Cucumbers will insure success. One ounce of seed will plant thirty hills, and four pounds an acre, with hills eight to ten feet apart. Allow three or four plants to remain in each hill.

Packet, 10 cts.; oz., 20 cts; ¼ pound, 35 cts.; pound, $1.00.

Sweet Heart. One of the best varieties for the home garden. Large size nearly globular in shape; skin a bright mottled green; rind thin; flesh bright red, firm, and solid to the center; heavy, but crisp, melting, and exceedingly sweet. Early, a good keeper, and improves in quality for a long time after ripening.

Cole's Early. The earliest Watermelon. Best for the amateur. It is not only the earliest variety in cultivation, but continues to bear enormously throughout the season. The fruit is nearly round; rind thin and brittle; flesh deep red and of extremely delicate texture, sweet, juicy, and delicious.

Kleckley's Sweets. The fruit is oblong in form, 18 to 20 inches long and ten to twelve inches in diameter; skin dark green; flesh bright red, extremely sweet, melting, and luscious. Ripens close to the rind.

Vick's Early. A melon prized for the home garden or market. Oblong in shape, smooth, with a very dark skin, rather small in size; flesh bright pink, solid, and sweet. Vines strong, bearing freely, thus making it a desirable variety for the home garden, and the market.

Ice Cream or Peerless. The old but extremely popular home market Melon. Medium in size, almost round; the skin a pale green; flesh bright scarlet, fine-grained, solid to the center, sweet, crisp, and melting.

Georgia Rattlesnake. One of the largest varieties, and stands shipping long-distances. Fruit of good size, oblong in form, distinctly striped and mottled; flesh bright scarlet and of excellent quality.

Citron. For Preserves. This variety grows uniformly round and smooth. It has a handsomely striped and marbled skin of light green. Used only for preserves and pickles, and not for eating in the raw state.

Prize Jumbo. Immense in size. The common weight of this Melon is sixty to eighty pounds. The rind is hard and firm, which makes it a superior variety for long-distance shipping. In shape it is nearly round; color solid dark green; flesh deep red and of fine quality.

Tom Watson. The most popular melon on the market. There are more "Watson" melons shipped from the South than all other melons combined. Rind tough, medium thick, flesh red, fruit long dark green.

MUSHROOMS

Hongo, Span.; Fungo pratajolo, Ital.

Mushrooms can be grown in any dark room or cellar, where the temperature can be maintained at 50° to 60°. If the temperature is right, in six or eight weeks you may expect the first crop of Mushrooms. One Brick of spawn is enough for a bed 3x3 feet.

"New Culture" Spawn. Positively fresh, pure spawn. The material in these bricks is produced directly from heavy, meaty mushrooms. **Bricks, 35 cents each, postpaid. 5 bricks, $1.25; 10 bricks, $2.25, by express, charges not prepaid.**

Bottled Mushroom Spawn. The latest and by far the best method of propagating Mushrooms. Simply break the bottle and plant small pieces an inch deep and ten inches apart. One bottle covers about 40 square feet. **Per bottle, $1.60, postpaid.**

MUSTARD

Vick's Giant Southern Curled Mustard. Highly prized in the South as early "Greens" or salad.
Packet, 10 cents; oz., 15 cents; ¼ lb., 30 cents; lb., 90 cents.

Chinese Broad Leaf. Larger and more rapid growing than Giant Southern. Crisp and tender, mild, comparatively free from bitter flavor and popular wherever used. **Pkt. 10c.; oz., 15c.; ¼ lb., 30c.; lb., 90c.**

OKRA or GUMBO

Gombo, Span.; Ocra, Ital.

A large, vigorous, tender plant, cultivated in the South for its young seed pods, which are very nutritious, and are used in soups, stews, etc., and especially for making gumbo soup. Should be more generally grown in the North wherever it is warm enough for Sweet Corn.

White Velvet (White Creole). Pods round, smooth, much larger than other sorts; produced in great profusion. **Packet, 10 cents; oz., 15 cents; ¼ lb., 30 cents; lb., 90c.**

Perkin's Mammoth Long Pod. A dwarf but enormously productive variety. Pods long, slender, deep green, and remain tender much longer than most sorts. **Packet, 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 90c.**

VICK'S SELECTED ONION SEEDS

THE ONION is one of the most wholesome foods known and is probably more often used by the housewife than any other vegetable. It can be used in so many different ways, especially in connection with other foods and for seasoning, that it is one vegetable which is absolutely indespensable in any household. Physicians agree that the free use of Onions as a food is healthful and a beneficial stimulant to the system. It is relished by nearly everyone and for that reason always finds a ready market.

Onions are not hard to grow. They like a good clean, rich soil. Sow as early in the Spring as possible in drills a foot apart and one-half inch deep. When three inches high, thin to two inches apart. Keep the soil mellow and free of weeds. One ounce for 100 foot row. Five pounds per acre.

VICK'S SELECTED STRAIN YELLOW GLOBE DANVERS ONIONS.
As Grown By James Ferguson Oswego, N. Y.

Danvers Yellow Globe. Vick's Own Selected Strain. Successful onion growers use this strain in preference to all others. This variety is the standard in the eastern markets both for local use and shipping. It produces bulbs of usable size early in the season, so that it is a profitable variety all summer. The globular shape and the satiny-yellow skin make it attractive in appearance at all times. It is an extremely hard and solid variety. The bulbs average fully three inches in diameter; the flesh is pure white, crisp and tender, while the flavor is sweet and mild. It is a sure cropper which fact combined with its other characteristics makes it one of the best and most popular sorts, both for home use and for market.

Pkt, 10 cts; ½ oz., 20 cts; oz., 30 cts. ¼ lb., 85 cts.; lb., $2.50.

Vick's Mountain Danvers. A new type that has won the approval of every grower. Earlier than Danvers Yellow Globe, it is a remarkably long keeping kind. The bulbs grow rapidly, have a satiny yellow color, with the top or neck as thin as if made of paper.

Packet, 10 cents; ½ oz., 30 cents; oz., 50 cents; ¼ lb., $1.25.

Large Red Wethersfield. The standard red, and, owing to its productiveness, the most profitable for the market gardener. Form somewhat flattened, skin a deep purplish red, flesh purplish white. The magnificent large solid Onions are as mild in flavor as many varieties of lighter coloring. It has splendid keeping qualities, and may easily be held for winter uses. The best variety for poor or dry soil.

Packet, 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb. 75 cts.; lb., $2.25.

Mammoth Prize Taker. Genuine seed of this variety produces handsome, large, yellow, globe Onions. We have the seed especially grown for us. Our *American Grown Seed* produces bulbs enormous in size, and the yield per acre is larger than that of any other variety. While not so good a keeper as our Yellow Danvers, it is a valuable sort for immediate or early fall use. The skin is of a rich yellow straw-color; flesh white, sweet, mild and tender.

Packet, 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 90 cts.; lb., $3.00.

Large Yellow Dutch or Strasburg. This variety is one of the old standard sorts. It is flat, white-fleshed, fine grained and mild. It ripens early, makes good size Onions, is exceedingly productive and a good keeper. A popular sort for growing sets, the product being round, bright and smooth.

Packet, 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 75cts.; lb., $2.25.

Japanese or Ebenezer. This variety originated in western New York and is remarkable for its hardiness and long keeping qualities. The skins are deep yellow, somewhat flattened in shape and the bulbs remain hard and firm for a longer period than any other variety.

Packet 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., $2.00

Southport White Globe. A large handsome, globular shaped Onion skin and flesh pure white. A very popular and satisfactory variety to grow To succeed in preserving good pure white Onions, pull just as the stalks begin to fall down. Allow them to dry in the open air and be sure to keep them free from rain or dew to prevent discoloration.

Packet, 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

Southport Red Globe. Our strain is unsurpassed; it is used for growing the exceedingly fine large bulbs seen in the New York markets. Its beautiful form makes it extremely desirable. It produces large crops on favorable soils, and is a good keeper.

Packet, 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 85 cts.; lb., $2.50.

Southport Yellow Globe. It is entirely distinct from the Danvers type, being somewhat more pointed at each end. The outer skin is pale yellow; flesh white and mild in flavor. Quite productive, very hardy and keeps a long time in good condition after pulling. Our seed stock of Southport Yellow Globe Onion is grown from carefully selected bulbs.

Packet, 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Crystal White Wax Bermuda. This variety from the Canary Islands, is a large, pure waxy white, flat Onion. It is very popular with large market growers in the South and Southwest. It does well in the North, and produces a very mild, sweet Onion.

Packet, 10 cents; ½ oz., 25 cents; oz., 40 cents; ¼ lb., $1.15.

White Portugal or American Silver Skin. A large flat white Onion of exceedingly mild flavor. It is a popular sort, and when young excellent for bunching or for pickles. It is also especially adapted for growing sets. Packet, 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

Silver King or Mammoth White Garganus, This is mammoth in size, the largest onion in cultivation. The bulbs are very attractive in form, fine-shaped, flattened but thick, with a silvery white skin. The flesh is snow-white, fine-grained, exceedingly mild, and of pleasant flavor. It matures quite early.

Packet, 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.

White Queen or Extra Early Barletta. This is an extra early, very small, round, hard, and handsome variety. The color is a beautiful waxy white; flavor mild and delicate. It is the Onion used in all famous pickle factories in our own country. A favorite for the home garden, as bulbs grown from seed will mature as early as those raised from the ordinary Onion sets. The best variety for pickling.

Packet, 10 cents; ½ oz. 20 cts; oz., 35 cts; ¼ lb., $1.00; lb., $3.00

White Bermuda (Teneriffe grown). The Bermudas are the earliest Onions in the market, and are grown extensively in the South. Does well anywhere. Outer skin straw color, flesh pure white.

Packet, 10 cents; ½ oz., 25 cents; oz., 40 cents; ¼ lb., $1.25.

Red Bermuda. Similar to the white, but with red skin.

Packet, 10 cts.; ½ oz., 30 cts; oz., 50 cents; ¼ lb., $1.50; lb., $4.50.

We shall be glad to quote special prices on larger quantities to commercial growers. See page 6.

ONION SETS

The sets or minature Onions if planted as soon as danger of freezing is over will provide small fresh Onions in two or three weeks. They will mature large bulbs much earlier than bulbs grown from seeds.

	Postp'd Prices. 1 lb.	3 lbs.	By Exp. or Frt., Not Paid. 5 lbs.	10 lbs	32 lbs. (bu.)
Yellow Bottom	$0.30	$ .75	$1.00	$1.75	$4.50
Japanese or Ebenezer, yellow, best keepers	0.35	.85	1.10	1.85	4.75
White Bottom	0.40	1.00	1.20	2.00	5.25

EGYPTIAN OR TOP ONION SETS

PERENNIALS READY TO SHIP IN AUGUST

The young sets of these are produced on top of the stalks. As they cannot be kept out of ground over winter they must be planted in the fall; therefore, orders for them should be given in the spring for delivery the next autumn. When once set out, they will come up year after year as soon as frost is over. **Pound, 25 cents. 3 lbs., 60 cents post paid; not prepaid 10 lbs., $1.40; 32 lbs., $3.90 not prepaid.**

PARSLEY

Because of its pleasant flavor, the leaves of Parsley are used extensively as a garnish with other vegetables, either in cooked dishes or salads. Parsley seed germinates very slowly. For outdoor growing, soak the seed in hot water for twenty-four hours. Sow thickly, in rows one foot apart and half an inch deep, pressing down well after sowing. When well up, thin to six inches apart. Sinc Parsley lives through the winter, seed may be sown in the autumn for early spring use. One ounce will sow 100 feet of drill.

Packet, 5 cents; oz., 15 cents; ¼ lb., 35 cents; lb., $1.00.

Exquisite Moss Curled. A new variety of great merit. Rich dark green, finely cut and crimped.

Champion Moss Curled. A compact growing, very ornamental plant. Leaves a bright green color, finely crimped and beautifully curled.

Vick's Triple Curled. A handsome compact sort. Fine for market or private garden; leaves bright pale green; extra curled and crimped.

Fern-Leaved. Beautiful in form and color; valuable for garnishing and also as an ornamental foliage plant for borders of beds.

Hamburgh or Turnip-Rooted. The roots resemble a small Parsnip and are the edible portion of this variety. Used for flavoring soups, etc.

PARSNIPS

Because of their delicious flavor, and the ease with which they can be kept fresh throughout the winter, Parsnips are among the most popular of winter vegetables. Seed should be sown in moderately rich, well-prepared soil. As the seed germinates and plants develop slowly, weeds must not overrun. In he late fall, before the ground freezes, remove enough roots for winter use to the root cellar and pack in sand. The remaining Parsnips can be left in the ground through the winter for use in the early spring, when fresh vegetables make a strong appeal to the palate. One ounce will sow 150 feet of drill.

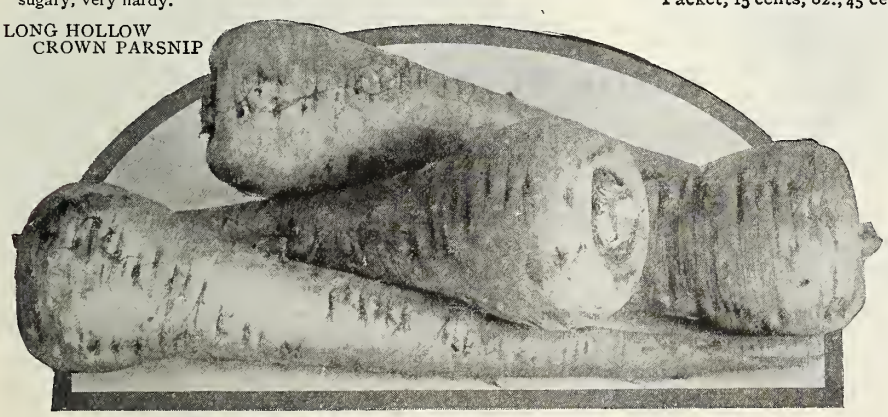
Packet, 5 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.25.

Elcombe's Giant. A new Parsnip having the good qualities of Hollow Crown but smoother, not so long.

Improved Guernsey. Half-long. The roots are larger in diameter and easily gathered; smooth, fine-grained, and of excellent quality.

Long Hollow Crown (White Dutch or Sugar.) The old standard, and one of the best for general use. Long, smooth, tender and sugary; very hardy.

LONG HOLLOW CROWN PARSNIP



BULL NOSE RUBY KING PIMENTO

VICK'S PRODUCTIVE PEPPERS

Pimiento, Span. Peperone, Ital.

Modern high bred Peppers are deservedly growing in popularity among cooking experts for seasoning for pickles, sauces, and various vegetable dishes. Sow seeds in a hotbed, or in a box in the house, where a temperature of 75 degrees can be maintained. Transplant when three inches high. One ounce of seed will yield about 1,000 plants.

Vick's Giant Red. A magnificent new variety. Combines the size mildness and beauty of the Chinese Giant with great productiveness. **Pkt. 10 c., ½ oz., 25 c.; oz., 45 c.; ¼ lb., $1.25.**

Chinese Giant. Immense Pepper of a brilliant scarlet color. The flesh is unusually thick and very mild, having none of the pungency of most of the older varieties. The plant is about two feet high and of strong vigorous growth. **Pkt., 10 c.; ½ oz., 35c.; oz., 60c.; ¼ lb., $2.00.**

Harris' Earliest. A new sweet pepper developed in New York State, especially adapted for the North. Ripe red peppers are normally secured by the first of August and green peppers long before. Bears profusely fruit of elegant shape and medium size. Very mild and pleasant. **Packet, 10c, ½ oz, 25c.; oz, 45c.; ¼ lb. $.1.35**

Harris' Early Giant. The largest, productive Pepper adaptable to northern climate. Peppers, first a glossy green, turn to brilliant crimson. Flesh thick, sweet and pleasant. **Packet, 15 cents; ½ oz., 35 cents: oz., 60 cents; ¼lb., $2.00.**

Large Bell, or Bull Nose. Very large, nearly four inches long and three inches in diameter; glossy red. Excellent for use in salads and pickles. **Pkt., 10 c.; ½ oz 25 c.; oz., 45 c.; ¼ lb., $1.25.**

Neapolitan. Earliest of all large, mild, red peppers. Plants are very strong and thrifty, grow 24 to 30 inches tall and are enormously productive. Flesh, thick, sweet and tender. **Pkt., 10c., ½ oz., 25c., oz., 45c.; ¼ lb., $1.25.**

Pimento. A sweet pepper. One that you will enjoy eating in salads, either fresh or canned. Market gardeners and canners plant Pimento extensively. A home garden favorite. **Pkt., 10 c.; ½ oz 25 c.; oz., 45 c.; ¼lb., $1.25.**

Ruby King. A handsome and very productive variety. Fruit from four to six inches long by three and a half to four inches broad; remarkably mild and pleasant. **Pkt., 10 c.; ½ oz., 25 c.; oz., 45 c.; ¼ lb., $1.25.**

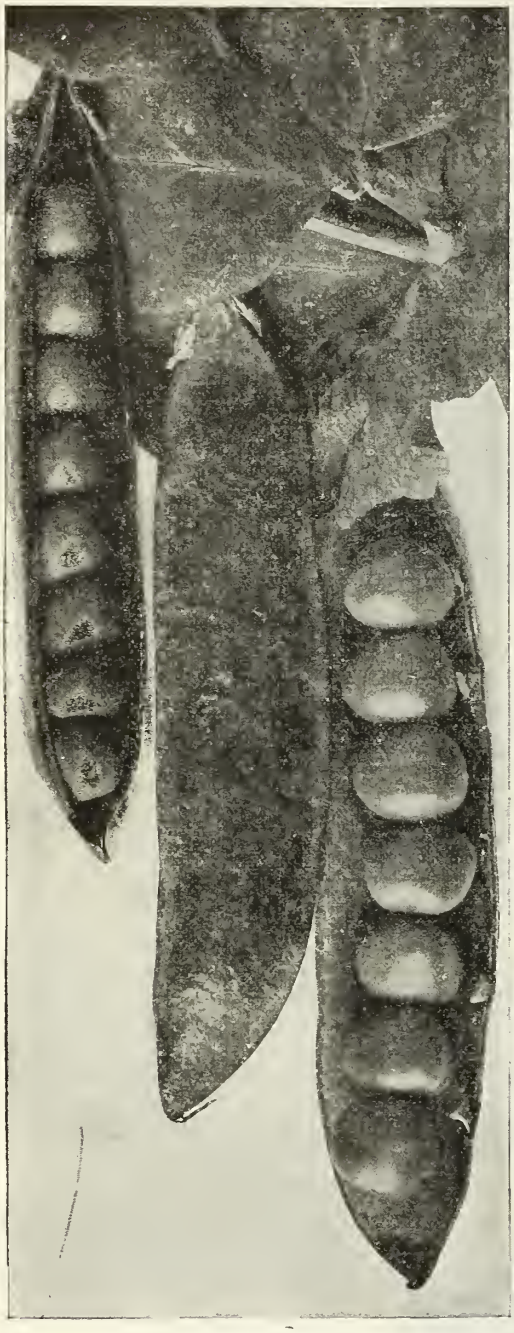
Sweet Mountain or Mammoth Much like the Large Bell, but larger and milder. Fruit thick and sweet. Fine for making stuffed mango pickles. **Pkt., 10 c.; ½ oz., 25 c.; oz 45 c.; ¼ lb.; $1.25.**

Sweet Tomato. A new selection of Pimento. Fruit is of medium size, almost smooth resembling a tomato. Flesh is mild and sweet. **Packet, 15 cents; oz., 45 cents; ¼ lb. $1.25.**

Golden Queen. The largest, most productive, and finest of the yellow-fruited peppers. The beautiful golden-yellow fruit is borne in great profusion on erect vigorous plants. It is very meaty mild and strictly sweet. **Pkt., 10 c.; ½ oz., 35c.; oz., 60 c.; ¼ lb. $2.00.**

Small Red Chili. Used extensively for flavoring pickles. The small bright red, very hot pods are fine to dry for winter use. **Pkt., 10 c.; ½ oz., 25 c.; oz 45c.; ¼ lb., $1.25.**

Long Red Cayenne. Beautiful and productive. Fruit slender, long bright red, pointed pod. Very hot in flavor. **Pkt., 10 c.; ½ oz., 25 c.; oz., 45 c.; ¼ lb., $1.35.**



LAXTONIAN

Laxtonian A new dwarf Pea., having the same high quality as the Thos. Laxton and Gradus. The vines are about twelve inches high and when in bearing are filled with immense dark-green pods containing eight or nine large peas. It is but a few days later than the early sorts, but is classed as a second early. It is productive, the pods so large and well filled, and the quality so good that it is deserving of a place in every home garden.
Packet. 10 cents; ½ lb., 25 cents; lb., 40 cents.

Lakeport, N. H.

"Whenever we have had land to plant, we have planted mostly Vick's seeds and always with very satisfactory results."

Mrs. H. N. Sanborn.

Vick's Garden Peas

GOOD cooks learn so many new ways of using Peas in appetizing dishes that the sale doubles every few years. It is partly due to the better varieties developed lately. But even the quality of the best varieties is retained only a few hours after picking. That means that Peas fresh from your garden are better than any you can buy. Sow seed early and cultivate often. One pound for a forty foot row; two bushels per acre.

EXTRA EARLY VARIETIES

At prices below we prepay postage.
For lower prices on larger quantities, see page 46

Thomas Laxton **The Leader of the Extra Earlies.** This Pea out ranks all other extra early wrinkled varieties in hardiness and productiveness. It has all the delicious sweetness of the Gradus; the pods are large and shapely, of a rich, dark green color, and filled from end to end with seven or eight very large white-seeded, wrinkled sugar peas, the flavor of which is unsurpassed by any other Pea in cultivation. Vines are strong and hardy and from three to three and one-half feet high.
Packet, 10 cents; ½ lb., 25 cents; lb.; 40 cents.

Vick's First Choice. In season the earliest, next to Carter's Early Eight Weeks, Vine is semi-dwarf and very prolific; pods large, handsome, dark green, well filled peas large, sweet, slightly dimpled. This pea has all of the delicate flavor and desirable; qualities of the later maturing wrinkled varieties. Pkt. 10 c.; ½ lb., 25 c.; lb., 40 c.

Carter's Early Eight Weeks. A new pea developed in England. By far the earliest grown coming into picking condition before any of the other extra earlies. It bears large well filled pods on very dwarf, but vigorous vines, twelve to sixteen inches high. Especially desirable for the home gardener who wants peas earlier than any of his neighbors. Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.

Alaska. A well known standard smooth green pea, very popular in many sections because it stands early planting and ripens early and evenly. In quality it is not equal to some of the newer varieties. Packet, 10 cents; ½ lb., 20 cents; lb., 30 cents.

Vick's Selected Extra Early. A Specially Selected Strain, unsurpassed either for market or family use; of good quality; unusually productive for so early a variety. The pods are well filled, and the entire crop may be gathered generally at one picking. The ripe peas are smooth yellowish white. The earliest of this type. Vines two and one-half feet high. Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.

Gradus (Prosperity). As an extra early Pea, the Gradus, being a sugar Pea, is far superior to all smooth varieties, not only in its delicious quality, but also in the size of the peas and of the pods. The vines, which have heavy stems with large green leaves and grow three feet high, produce uniformly large pods, measuring four and one-half inches in length, nearly round, and well filled with very large, handsome peas of the finest flavor. The peas remain tender and sweet for some time after they are large enough to use. Packet; 10 cents; ½ lb., 25 cents; lb., 40 cents.

Early Morn. A new variety which is becoming immensely popular. To gardeners who are acquainted with Gradus and know its splendid qualities, it will be sufficient description of Early Morn to state that it is superior to Gradus in productivenes and two or three days earlier. Packet, 10 cents; ½ lb., 25 cents: lb., 40 cents.

Surprise. One of the earliest wrinkled Peas in the market. Vines grow about two feet high; pods well filled, containing about six or seven peas. Very desirable for those who require an extra early sweet and tender garden pea. Its delicate flavor will please the most fastidious. Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.

Worlds Record. A wonderful new sugar Pea, earlier than Gradus which it resembles in size and flavor, vines two feet high, pods 3½ inches long containing seven to nine very large dark green peas of exceptionally fine flavor. Worlds Record is unusually productive for an early variety and indispensable in the home or market garden.
Packet, 10 cents; ½ lb., 25 cents; lb., 45 cents.

EARLY VARIETIES

At prices below we prepay postage.
For lower prices on larger quantities see page 46

Little Marvel. An English variety that has come to stay. In fact, it is conceded by those who have grown it, to be one of the best dwarf earlies on the market. When better known it will supercede many other dwarf early sorts. Its strong points are its tendency to bear large crops, and its high quality. It is almost as early as American Wonder or Nott's Excelsior; vines dwarf, growing about fifteen inches in height, heavily set with pods three and one-half inches in length, filled with six to seven large, dark green peas.
Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents

Nott's Excelsior. An extra early dwarf, green, wrinkled sort. The peas are superior in sweetness and quality, the vines fully as large and vigorous as American Wonder, and the yield in shelled peas fully as large. Pkt., 10 c.; ½ lb., 25 c.; lb., 40 c.

American Wonder. One of the very best of the early wrinkled Peas; bearing large, well-filled pods. The vines are ten to twelve inches high, and of robust habit. A fine variety for the home garden. Pkt., 10 cts; ½ lb., 25 cts.; lb., 40 cts.

Extra Early Premium Gem. An improved Little Gem, another extra fine dwarf Pea. Many consider it equal to either Nott's Excelsior or American Wonder. Vines 10 to 15 inches. Very productive; pods large and peas of excellent quality. An old favorite. Packet, 10 cents; ½ lb, 25 cents; lb., 40 cents.

Try the new Pea, Carter's Eight Weeks, positively the earliest variety yet developed. Of excellent quality and flavor.

MID-SEASON VARIETIES

At prices below we prepay postage.
For lower prices on larger quantities see on page 6.

Everbearing. A fine wrinkled sort, about thirty inches high; very robust, bearing heavy crops of large, well-filled pods; peas of excellent flavor. Owing to its branching habit, the peas may be sown thinly.
Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.

Telephone. A fine, tall, wrinkled variety, and a great cropper, bearing immense pods of large peas of exquisite flavor. It is decidedly a market garden pea, filling a basket quicker than any other variety. Vines four feet.
Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.

Vick's Daisy. The Daisy is a second early Pea of robust habit; the vines grow about two feet in height, bearing an abundance of well-filled pods containing seven to nine large and deliciously flavored peas. It is one of the finest early green wrinkled Marrow Peas in cultivation. Sturdy and branching in habit, requiring no stakes, coming early and remaining late in profitable productiveness, giving green peas of considerable size and of best quality, it is one in the very front rank.
Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.

MAIN CROP VARIETIES

At prices below we prepay postage.
For lower prices on larger quantities see page 6.

Admiral Dewey. A fine main crop variety. Very productive; bearing enormous pods of large sugar peas. Vines about three and one-half feet.
Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.

Alderman. A valuable early main crop variety, yielding heavy crops of large, dark green pods, well filled with large peas of the best quality. A splendid market gardeners' variety. Vines three and one-half to four feet.
Packet. 10 cents; ½ lb., 25 cents; lb., 40 cents.

Improved Stratagem. This is one of the best of the large podded sorts; vigorous, productive, and of exceedingly fine quality; a favorite with market gardeners everywhere. Vines two to two and one-half feet high.
Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.

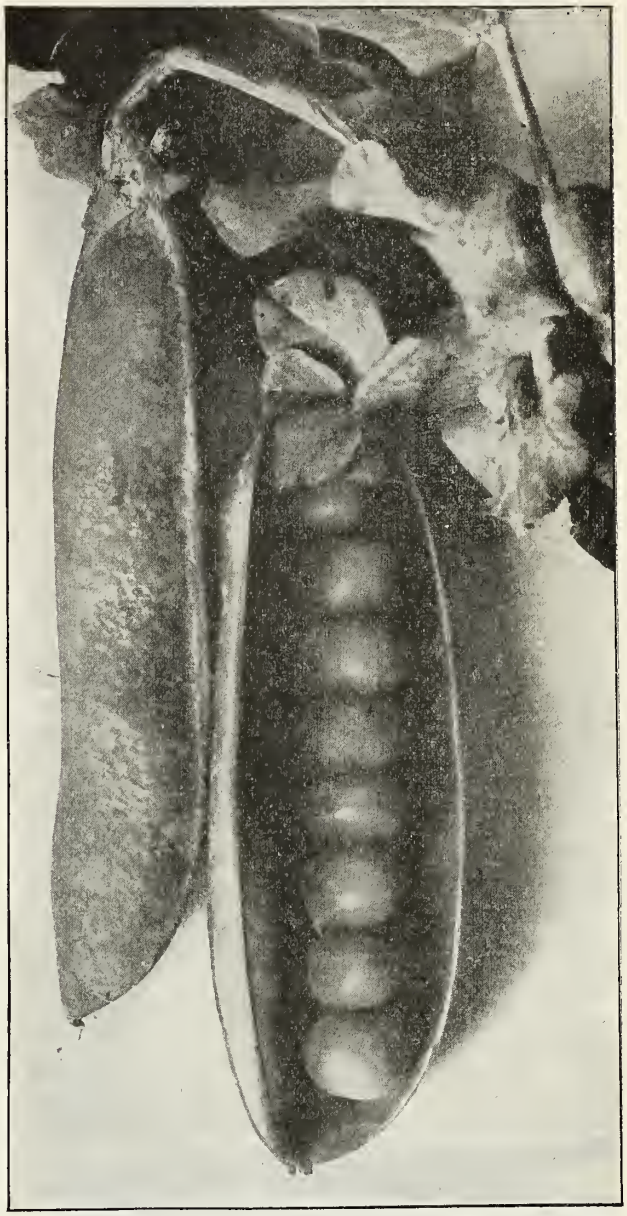
Champion of England. A handsome variety, popular everywhere. One of the richest and best-flavored green wrinkled peas. Five feet in height.
Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.

Canada Field. Possess high value for hay, for green fodder, and for seed grain for all kinds of stock. 1 lb., 20 cts. See also pp 6 & 44.

Peas are legumes which are greatly benefited by inoculation enabling them to get nitrogen from the air, thus enriching soil.

Nitragin is one of the best inoculants, It is easy to use being in granular soil-like form. Garden size, 20c. Other sizes on page 43.

GRADUS OR PROSPERITY PEAS (See page 36)



VICK'S DAISY

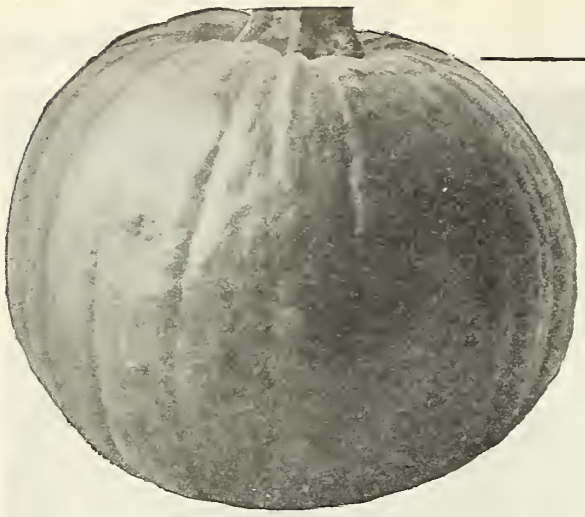
EDIBLE POD VARIETIES

At prices below we prepay postage.
For lower prices on larger quantities see on page 6.

Dwarf Gray Sugar or Edible Pod. This is a hardy variety and can be planted much earlier than beans. Vines are dwarf and very prolific. Pods gathered when young and cooked whole the same as snap beans make a very appetizing dish. These peas are equal to the best snap beans. Are ready for the table earlier than any green vegetable dish with the exception of spinach and perhaps asparagus. Give it a trial in your garden this Spring.
Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.

Melting Sugar. This variety is used either shelled or cooked in the pod, like Snap Beans, and when young is very tender and sweet. It is but little known in this country, while abroad it is considered a great relish.
Packet, 10 cents; ½ lb., 25 cents; lb., 45 cents.

At above prices we prepay postage. Lower prices on larger quantities, transportation not prepaid, are shown on page 6



PUMPKIN, SUGAR OR PIE

Vick's Pumpkins

Calabaza azucar o pastel, Span.; Zucca, Ital.

Did someone say Pumpkin Pie? Prepare for this treat by growing Vick's Pumpkins in your garden. Easy to grow.

Plant in hills eight feet apart each way, any time after the middle of May. Avoid planting near other vine crops, as they will hybridize and damage the crop. One ounce will plant about twenty-five hills; four pounds an acre.

Winter Luxury. A medium-sized pumpkin, of very high quality. It is also a good keeper, wonderfully productive, and its finely netted skin and golden-russet color make it desirable for market use.
Packet 10 cents; ounce 20 cents; ¼ pound 40 cents; pound $1.20.

Large Sweet Cheese (Kentucky Field). Very productive. Shape flat; skin mottled light green and yellow, changing to a rich deep orange color; flesh yellow, thick, and tender.
Packet, 10 cents; oz. 20 cents; ¼ lb., 30 cents; lb., 90 cents.

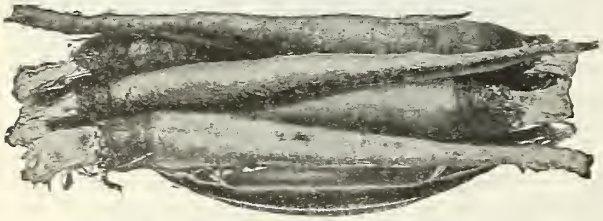
Golden Oblong. A productive variety, oblong in shape, growing 16 to 18 inches long Skin golden orange, thin and tough; almost as good a keeper as the hard-shell winter Squash. Flesh yellow, dry, and sweet; excellent.
Packet. 10 cents; oz., 20 cents; ¼ lb., 45 cents; lb., $1.35

Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 lbs. Fruit oblong skin mottled with green.
Packet 10 cents; ounce 20 cents; ¼ pound 60 cents; pound $1.75.

King of the Mammoths, or Jumbo. The largest of all Pumpkins. Round in shape, flattened at both ends. It is a splendid keeper, and valuable for stock feeding; also desirable for exhibition purposes.
Packet 10 cents; ounce 20 cents; ¼ pound 60 cents; pound $1.75

Connecticut Field. The hardiest of all Pumpkins; cultivated mainly for stock feeding, producing enormous crops.
Packet 10 cents; ounce 20 cents; ¼ pound 30 cents; pound 90 cents

Sugar, or Pie. The Favorite for Pies. Small, round, handsome deep orange. Flesh fine grained, sweet and dry. Plants very productive.
Packet 10 cents; ounce 20 cents; ¼ pound 35 cents; pound $1.00.



MAMMOTH SANDWICH ISLAND SALSIFY

SALSIFY or Vegetable Oyster

Salsifi blanco, Span.; Sassefrica, Ital.

Mammoth Sandwich Island. Salsify grows the same as parsnip and is one of the best and most nutritious of our vegetables. It has a most distinct oyster flavor and is delicious fried or served in Soups. It is a good remedy for indigestion; to preserve its medicinal value, boil whole, then peel, slice and prepare in your favorite way.
Packet, 10 cents; oz., 30 cents; ¼ lb., 75 cents; lb., $2.25.

Vick's Summer Asparagus

A "Cut and Come Again" Vegetable

Read the letters below from some who have tried it

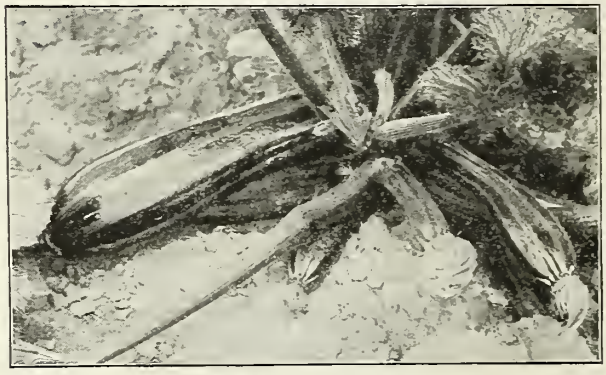
A special type of Cocozelle Squash used when the fruit is young and tender. One of the most delectable of vegetables. Well worth a place in everyone's garden.

The plant makes a strong growth, very much like that of the Summer Crookneck Squash. The oblong green fruit forms close down in the axils of the leaves. It should be cut when not more than four to six inches long. If the fruit is allowed to grow larger i loses its delicacy of flavor, and when one fruit is allowed to mature it checks the formation of any more fruit on that plant. Care should be taken in cutting not to injure the plant.

Cooked the same as Asparagus, either whole or cut in small pieces without peeling. Especially delicious cut in small pieces and cooked with cream. It may also be sliced and fried or used as a salad.

Four or five hills is sufficient for a large family, as it may be cut almost every day until frost. Sown early it will fruit from the latter part of June until October. Plant in hills 3½ to 5 feet apart. Seed may be sown from the latter part of May until July first.

Packet, 10 cents; ounce, 25 cents; ¼ lb., 60 cents.



SUMMER ASPARAGUS

Shelbyville, Ills.

"I had your Summer Asparagus two years ago and not only we but our neighbors enjoyed it so much, so when I decided to have a garden this year I felt I must have it sure."
Mrs, A. F. Auer.

Fessenden, N. Dak.,

"Slice Summer Asparagus small and use with string beans. Thicken it with milk. butter and a little flour and it is delicious."
Mrs. T, H. O'Neill.

Barberton, Ohio.

"The Summer Asparagus is just wonderful and good. Have eight plants and they are full."
Mrs. Henry C. Gougler.

Broadalbin, N. Y.

"One of my sons sold fifteen dollars worth of Summer Asparagus beside a family of five having all they want to eat."
Mrs. A. M. Jeffers

Dayton, Ohio.

"Have grown your Summer Asparagus two seasons and am delighted with it. One package supplied the family and also neighbors who raved over them."
Frances J. Balcer

Westfield, Pa.

"Last year I had a packet of your Summer Asparagus and it was certainly delicious. I must have some again this season. Everyone was pleased with it."
Mrs. Cecil Kizer

When ordering plants or shrubs remember that we prepay the Express or Parcel Post east of the Mississippi River

VICK'S RADISHES

Rabano, Span. Ravanello, Ital.

The Radish is a popular vegetable which makes an excellent relish, and should have a place in every garden, whether planted for home or market purposes. For early use seed should be sown in the hotbed, in drills, three to four inches apart and half an inch deep. For open ground sow as early as weather conditions permit. Winter Radish should be sown about the middle of the summer, as it makes its best growth in autumn. One ounce will sow 75 feet of drill; ten pounds to the acre.

VICK'S EARLY SCARLET GLOBE
The Best Radish for General Use

Vick's Early Scarlet Globe Radish is the best all-around Radish on the market, and is therefore valuable for both the home gardener and the man who grows Radishes for the market. You will find "Vick Quality" in every ounce.

It is handsome in both form and color, a beautiful oval and a rich scarlet; the flesh is crisp, tender, juicy and mild. The amount of its foliage is small compared with other varieties and small for the size of the Radish, making it a particularly attractive market sort. As a forcing Radish, Vick's Early Scarlet Globe is the best in every way, bearing the heat requisite for forcing without becoming pithy or spongy. Away back in 1884, we introduced this universally popular Radish, and today it is sold by almost every seedsman in the world, and is also used by the leading market gardeners both for forcing and out-of-door planting.

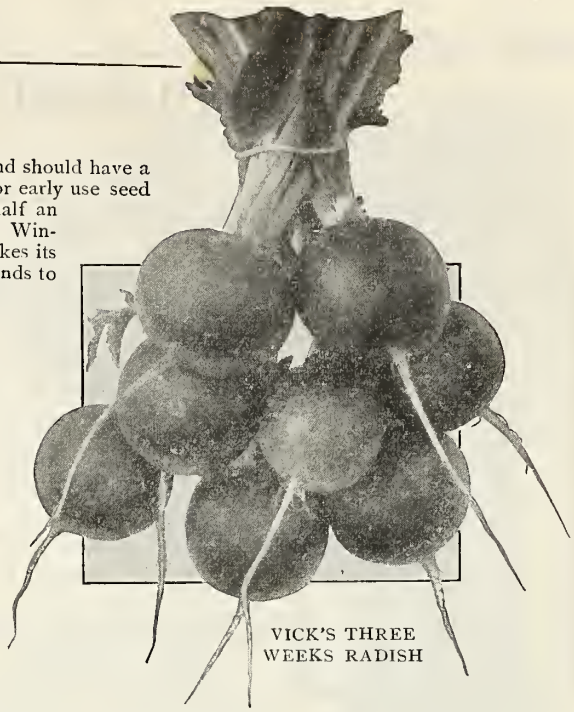
Packet 10 cents; ounce 20 cents; ¼ pound 50 cents; pound $1.25.

French Breakfast, or Scarlet Olive-shaped White Tip. Very tender and beautiful. Fine for open ground or forcing.
Packet 10 cents; ounce 20 cents; ¼ pound 45 cents. pound $1.20.

Vick's Early Crimson. An excellent variety for forcing or for the garden. Very desirable for Market Gardeners as it is ready for bunching in thirty days from the time it is seeded in the open; it attains double the size of ordinary globe-shaped varieties and remains solid, sweet and tender, longer than the average early sort.
Packet 10 cents; ounce 20 cents; ¼ pound 35 cents; pound $1.00

White Strasburg Summer or White Hospital. A large white, showy, half-long variety. Matures early. A leading market variety.
Packet 10 cents; ounce 20 cents; ¼ pound 35 cents; pound $1.00.

VICK'S EARLY SCARLET GLOBE



VICK'S THREE WEEKS RADISH

Vick's Three Weeks Radish. Entirely distinct from any Radish heretofore offered. As an all-around Radish we do not think it can displace Vick's Scarlet Globe; but it has very great value in that it can be grown, ready for the table, in less than three weeks from the day of sowing the seed. The root begins to develop with the development of the first leaves. It's color is quite distinctive, a light, fiery scarlet, giving it a very attractive appearance in the market or on the table.
Packet 10 cents; ounce 20 cents; ¼ pound 50 cents; pound $1.25.

Cooper's Sparkler. A fine variety of an entirely distinct type. In shape it is globular; the top is very short, thus making it adaptable for forcing, although it is equally good for outside. The color is a rosy carmine, with a long white tip. Cooper's Sparkler will keep longer in good condition than any other variety we have tried, and can be grown the year round. Successive sowings should be made throughout the summer.
Packet 10 cents; ounce 20 cents; ¼ pound 50 cents; pound $1.25

Vick's Improved Long Scarlet Short-Top. The favorite long market Radish everywhere; six or seven inches long.
Packet 10 cents; ounce 20 cents; ¼ pound 40 cents; pound $1.10.

Long White Vienna or Lady Finger. Beautiful in shape; skin and flesh snow white; crisp and tender.
Packet 10 cents; ounce 20 cents; ¼ pound 40 cents; pound $1.10.

Icicle. A beautiful transparent white variety, about three inches long and half an inch in diameter, with small tops; very crisp and brittle, and remains in good condition a long time; does not get pithy. Suitable for forcing.
Packet 10 cents; ounce 20 cents; ¼ pound 35 cents; pound $1.00.

All Seasons. A round scarlet radish of unusual merit especially valuable for sowing at intervals throughout the entire spring, summer and fall seasons. It remains solid and sweet at all stages of its growth.
Packet 10 cents; ounce 20 cents; ¼ pound 50 cents; pound $1.25.

WINTER RADISHES

Winter Radishes are Nature's way of furnishing us their appetizing relish long after summer varieties are gone. They grow slowly, and are ready for eating in the autumn. Much larger than summer varieties. Sow the latter part of August or in September. Harvest before severe frost. Roots may be stored in sand in a cool cellar. When they are to be used, throw into cold water for a short time and they will regain their crispness.

Packet, 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.25.

Chinese Rose Winter (Scarlet Chinese). One of the very best.

Round Black Spanish Winter.

California Mammoth White Winter. (Chinese White Winter) Eight to twelve inches long and from two to three inches in diameter; white, solid, and of good flavor.

Here are two extra fine Radishes, Vick's Scarlet Globe and Vick's Three Weeks. Try them in your garden this spring

VICK'S STRAWBERRY RHUBARB

RHUBARB

Rhubarb is probably the most useful and popular of all perennial foliage plants for table uses, and is grown more extensively than all others. No garden should be without a few roots, which are sufficient to keep the table supplied with sauces, pies and preserves.

Two-year-old roots, if set about three feet apart in rich, mellow soil in early spring, will begin to yield a supply of stalks for cooking the following spring.

To grow from seed sow in drills ten inches apart and one inch deep. Thin plants to six inches apart. In the fall prepare the permanent bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Into this set the plants about five feet apart each way. The stalks should not be cut until the second year. One ounce should give about 500 plants.

Linnæus. Early and tender. Easily grown from seed.

Victoria. Very large, but later than Linnæus.

Above two varieties.

Seed packet, 10 cents; ounce, 20 cts.; ¼ pound, 40 cts.; pound, $1.25, postpaid.

Strong two-year-old roots, each, 25 cents; six for $1.00; dozen, $1.75.

Vick's Strawberry. Far superior to all others for making pies and sauces. Its stalk is a beautiful strawberry red or pink all the way through; extremely tender, fine flavored and juicy.

Roots furnished only, each, 35 cents; ½ dozen, $1.50, dozen, $2.50. Postpaid.

SPINACH

Espinaca, Span.; Spinace, Ital.

Nearly everyone likes succulent green vegetables in early spring. If you have not sown Spinach in your garden heretofore, why not try it this year? It is the easiest and quickest way to produce a crop of delicious, tender "greens."

For a succession, the seed may be sown early in April and again in May in drills one foot apart and one inch deep, properly thinning out when plants are an inch in the leaf. For the earliest spring crop, sow from first to middle of September, protecting the crop through the winter with a light covering of straw or leaves. One ounce for 25 foot row; 10 pounds for an acre in drills.

Packet, 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

King of Denmark. A new variety especially remarkable because it remains in good condition a week or ten days after many other varities have gone to seed. Of excellent quality. One of the finest yet produced.

All Seasons, or Long Season. Will remain in an edible condition longer than most other varieties. The foliage is dark green, crinkled sweet and luscious. The seed may be sown at intervals all season.

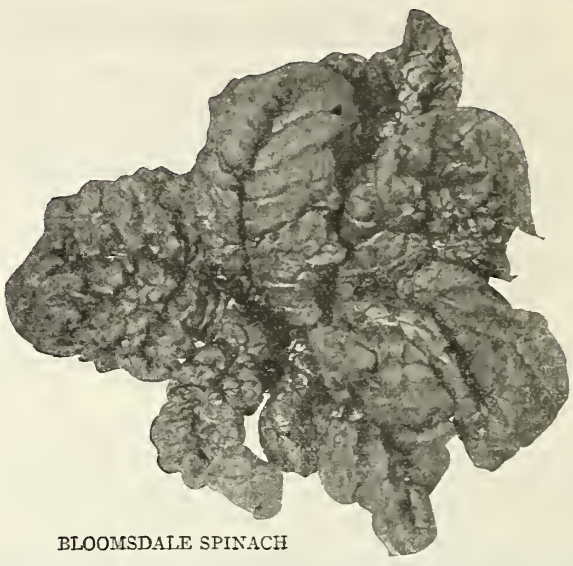
Improved Thick-Leaved. Leaves large and thick, somewhat crumpled, and very tender. The most popular variety we have ever grown. We have a splendid strain of this excellent variety.

Victoria. A valuable sort. Its attractive dark green color, long-standing and hardy character make it desirable for both spring and late sowing. Stands winter well.

Large Round-Leaved Viroflay. Large, round, thick and fleshy leaves. Good for early sowing. One of the best for fall sowing.

Fall Spinach. This is an exceptionally hardy variety for planting in the late fall or very early spring. The leaves are large round and fleshy and will stay in condition during unfavorable weather better than any other variety. It may be sown in January when the snow is off the ground and it will come out in the early spring as soon as the ground thaws.

New Zealand. This variety grows two or three feet in bush form. The leaves and stems are succulent and tender. The abundant fresh, tender foliage may be picked frequently during the summer. A new supply will quickly develop. It succeeds in almost any soil. The seed should be soaked in warm water a few hours before planting.



BLOOMSDALE SPINACH

Bloomsdale or Savoy-Leaved One of the most popular types of Spinach with very crumpled blistered leaves of great substance.

SQUASHES

The Squash not only adds to the list of vegetable delicacies but possesses considerable food value. The fall and winter varieties make delicious pies, and are in great demand. Squashes require a rich soil. Use plenty of pulverized sheep manure or other fertilizers in the hills. Plant a dozen seeds in each hill, and when plants begin to branch cut out all but three or four, being careful not to disturb those remaining. For bush sorts, make hills four or five feet apart each way, and for the running kinds twice that distance. Winter Squashes should be ripened thoroughly, or they will not keep through the winter. One ounce of early varieties for fifty hills and two ounces of late will plant fifty hills; three to four pounds per acre.

SUMMER SQUASHES

Mammoth Bush Summer Crookneck. The richest and best of the Summer Squashes. Early and productive. Color golden yellow; flavor sweet and rich. It is almost twice as large as the ordinary Summer Crookneck.

Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb $1.50.

Mammoth White Bush Scallop. (Silver Custard). The best of the scalloped Squashes. Plant true bush form. Fruit oval to flat. Handsome and of fine quality.

Packet 10 cents; ounce 20 cents; ¼ pound 50 cents; pound $1.50

Early White Bush Scallop (Patty Pan). Early and productive, of medium size. Color, creamy white smooth, surface. Flesh thick and of high quality. In shape, round, flattened at the ends. If fruits are gathered when edible the plants will continue to bear throughout the summer.

Packet 10 cents; ounce 20 cents; ¼ pound 50 cents; pound $1.50.

Early Yellow Bush Scallop. (Turks Cap.) Similar to white bush scallop except in color. An excellent summer variety.

Packet, 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.50.

There is nothing like succulent, green Spinach fresh from ones own garden to tone up the human system.

FALL AND WINTER SQUASHES

Blue Hubbard. A new selection from the famous Hubbard Squash, noted for its fine quality, large size, long keeping, and handsome grey-blue color.
Packet, 10 cents; oz. 20 cents; ¼ lb., 55 cents; lb., $1.65.

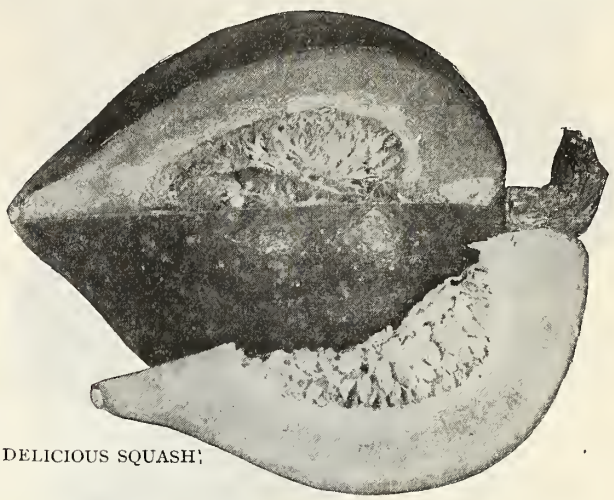
Improved Hubbard. The standard Winter Squash; no better variety grown; more generally cultivated as a late sort than any other. Flesh fine-grained, dry and of excellent flavor.
Packet 10 cents; ounce 20 cents; ¼ lb., 50 cents; lb., $1 50.

Chicago Warted Hubbard. This has some points not found in the old standard, the shell having a dark green, almost black color; and also distinguished by a dense covering of knots or warts. First-class quality.
Packet 10 cents; ounce 20 cents; ¼ lb., 50 cents; lb., $1.50.

Red, or Golden Hubbard. This is a true Hubbard Squash except in color, which is a bright orange-red. The flesh is deep golden yellow.
Packet 10 cents; ounce 20 cents; ¼ lb .,50 cents; lb $1.50.

Fordhook. A very fine winter variety. Shell a bright yellow; flesh straw-yellow, dry and sweet, and of good flavor. Matures early, a sure cropper and very productive. Often grown for summer use.
Packet, 10 cents; oz. 20 cents; ¼ lb., 50 cents; lb. $1.50.

Delicious. In size it resembles the Hubbard. In thickness of flesh it surpasses nearly every variety. The color is dark bronze green. For table use no other variety compares with it in its remarkable combination of fineness and compactness of grain, dryness, sweetness, and exceeding richness of flavor. It is best in the fall and early winter.
Packet, 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.50.



DELICIOUS SQUASH.

Vick's Selected Tomatoes

Tomate Span. Pomo d' oro, Ital.

For the variety of ways its fruits may be used to delight the taste, no other plant can surpass the gay and brilliant Tomato. Who knows how many tempting recipes for delicious fresh and cooked sauces, appetizing salads, tasty soups, delectable pickles and tarty catsups have and will be made from these newer highly developed varieties offered here? You will find the tender luscious quality, meaty substance and delicious flavor of these varieties all that your taste anticipates.

Plants should be started in the house before planting time and transplanted at least once to earthen or paper pots or boxes, setting the plants four or five inches apart to produce strong stocks and numerous branches. Then when danger of frosts is past, you will have fine rugged plants to set out. One ounce for 1500 plants, ¼ lb. to an acre.

Vick's Improved Earliana. Our special improved strain is by far the most satisfactory early Tomato grown. It is so vastly superior to the ordinary run of this variety that it is entitled to special consideration if not a distinct name. It ripens early and nearly all at one time. It ripens up to the stem better than any other early Tomato we know of. The fruit sets thickly in the center of the plant. The growth of vine is small effecting a saving in space required. All these splendid qualities make this strain the best Tomato for commercial or home grower.

Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; 1-4 lb., $1.25; lb., $4.00.

TOMATO

Marglobe. A new variety developed by the U. S. Department of Agriculture. Very vigorous and productive. Practically immune to many diseases common in some Tomato growing sections. The fruit is large, a handsome scarlet and extra fine in quality. A main season variety.
Packet 15 cents; ½ oz., 35 cents; oz.; 65 cents; ¼ lb., $2.00.

Norton. A new selection from the famous Stone Tomato, made by the U. S. Departmennt of Agriculture. Has proven highly resistant to blight rust and wilt. A large yielding, midseason, smooth, solid, scarlet variety.
Packet, 10 cents; ½ oz., 30 cents; oz 50 cents; ¼ lb., $1.50.

John Baer. An extra early scarlet variety of superior merit. A favorite with gardeners. Productive and bardy; round, smooth and firm. Excellent quality, one of the first to ripen, and furnishing fruit for the market for a long season. A good variety for the market or home garden. Pkt, 10 c.; ½ oz., 25 c.; oz., 40 c.; ¼ lb., $1 25; lb., $4.00.

Ponderosa. A purple-pink, main crop Tomato of the largest size. The vines are vigorous and very productive. The fruit is solid with exceptionally few seeds; fairly smooth and considered of very good quality, especially by those who prefer a tomato quite free from acid. It is a very desirable tomato for slicing.
Packet, 10 cts.; ½ oz., 35 cts; oz., 65 cts.; ¼ lb., $2.00; lb.,$6.50.

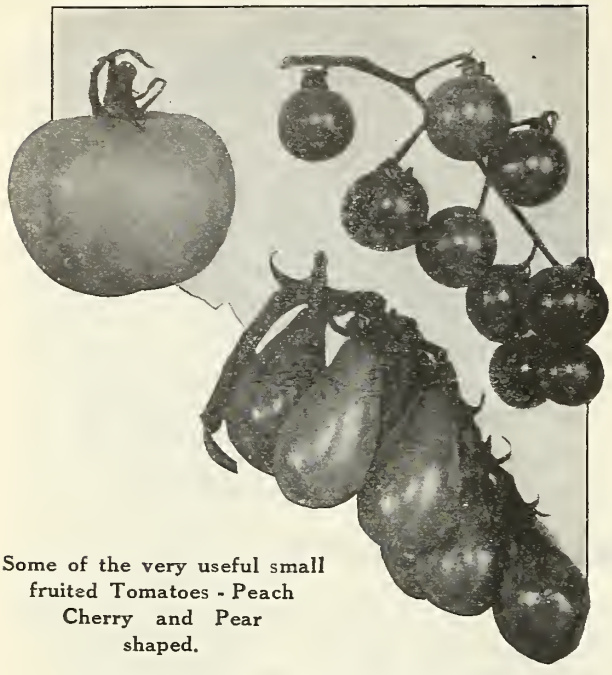
Improved Stone The Best Main Crop Red Tomato. Color bright scarlet; very smooth, ripening even to the stem without a crack; exceedingly solid and firm fleshed; very large and very productive; an excellent shipper; quality the very best; not subject to rot; its appearance on market remarkably attractive; a heavy variety. It is the standard main crop Tomato for market gardeners and truckers.
Packet 10 cts.; ½ oz., 20 cts.; oz, 35 cts; ¼ lb., $1.00; lb., $3.00.

Chalk's Early Jewel. A fine second-early Tomato about ten days later than Earliana. Fruit large size, fine flavor; bright scarlet, solid; has very few seeds. The plants are stocky and strong. One of the best for shipping and the home garden. Continues bearing throughout the summer.
Pkt., 10 cts.; ½ oz., 25 cts.; oz, 40 cts; ¼ lb., $1.25: lb., $3.75.

Golden Queen. (Queen of the Yellows.) Solid, smooth, large in size, and ripens early. Makes a handsome, rich preserve. This Tomato should be grown in every home garden; its flavor is better and more delicate than the red varieties, the flesh finer-grained, very tender, and of a handsome yellow color which makes it especially attractive when sliced with the red sorts. Try it. Pkt., 10c; ½ oz., 30c.; oz., 50c.; ¼ lb., $1.50; lb., $5.00

Dwarf Champion. Dwarf and compact in habit, the plants growing stiff and upright, with very thick and short-jointed stems, requiring no stakes. Often sold as Tree Tomato. Can be planted as close as three feet. Unsurpassed as a cropper. Color deep red, with a purplish tinge. Round and smooth. Pkt., 10 c.; ½ oz., 30 c.; oz., 50 c.; ¼ lb., $1.50; lb., $5.00.

Vick's Improved Earliana has never been surpassed for earliness large yield and fine quality.



Some of the very useful small fruited Tomatoes - Peach Cherry and Pear shaped.

SMALL FRUITED TOMATOES

The Small Fruited Tomatoes are most interesting and can be used in so many delightfully attractive and appetizing forms in salads, or for preserves and pickles, and are so very prolific, that they are getting more popular every year. The fruits are served whole.

Packet 10 cents; ½ oz., 35 cents.; oz., 65 cents.

Red Peach. A small red, very prolific, peach-shaped preserving tomato. Has a unique and attractive "bloom" as on a peach.

Yellow Peach. Same as above except in color.

Red Cherry. Small, perfectly round and smooth, bright red, borne in large clusters. Fine for preserves and pickles.

Pear-Shaped Red. True pear-shaped, small, bright red. Used for preserves and for making "Tomato figs."

Pear-Shaped Yellow. Same as the above, except color.

Plum-Shaped Yellow. Handsome in appearance and valuable for preserving. Excellent served raw with pepper and vinegar.

Husk or Strawberry (Winter Cherry, etc.) Fruit golden yellow, size of a cherry. Fine for pies, or preserves, and is very palatable to eat from the hand as you would strawberries.

Other Standard Varieties Tomatoes

Bonny Best. Almost identical with Vick's strain of Earliana in vine and fruit, but a week to ten days later.

Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $3.50.

Dwarf Stone. The largest dwarf variety. The fruit resembles Improved Stone; equally as good in quality. It ripens evenly and has an excellent flavor. Plants require less space than other varieties and are very productive.

Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50; lb;, $5.00.

RUTABAGAS or Swede Turnips

Packet, 10 cts.; oz., 20 cts.; ¼ lb., 35 cts.; lb., $1.00.

Golden Heart. A fine new table Rutabaga of excellent quality. It is of medium size, round and rich golden yellow clear through Tender sweet flesh.

Butter Yellow Table Swede. A round medium-sized table Rutabaga of excellent mild flavor and quality. Skin and flesh a rich, golden yellow. One of the best Swedes for table use.

White Sweet Swede. A large, white, solid Swede, sometimes called White Russian. Quite desirable for table or stock-feeding. A great yielder. Fine form and good keeper.

Vick's Purple-Top Yellow An excellent variety either for the table or cattle-feeding. Flesh yellow, firm. solid, rich, and sweet. Very hardy, prolific, tender. A splendid keeper.

We pay the postage.

TURNIPS

WHEN properly cooked, the best grades of Turnips are tender, sweet, luscious and mild. They grow so rapidly that some are ready for use in a month or six weeks from seed sowing. Sow seeds in late July or August for table Turnips in September and October. One ounce for 150 feet; 2 to 3 lbs. of seed per acre.

Purple Top White Globe. (Our own special strain) By far the most popular and satisfactory variety for this part of the country. Its handsome globular shape, fine smooth appearance, small tap root, excellent flavor, and good keeping qualities make it very desirable anywhere. See picture below.

Packet. 5 cents: oz., 15 cents; ¼ pound 30 cents; pound 85 cents.

Purple-Top Strap-Leaved. Flat, medium size, purple above the ground, white below. The most popular variety for early use, either for table or stock.

Packet, 5 cents; oz 15 cents; ¼ lb., 30c; lb., 85 cents.

Early White Flat Dutch, Strap-Leaved. Similar to above. A fine, early, white sort, of quick growth and excellent quality.

Packet, 5 cents; oz., 15 cents; ¼ lb., 30 cents, lb., 85 cents.

Extra Early Purple-Top Milan. A white variety, purple-top and strap-leaf. This and the White Milan are the earliest of all Turnips; it remains in good condition a long time. Quality is unexcelled.

Packet., 10 cts.; oz., 15 cents; ¼ lb., 30 cts.; lb., 90 cents.

Extra Early White Milan. Similar to above except it is pure ivory white in color, and about one week earlier. One of the best.

Packet., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 90 cents.

Early White Snowball or Six Weeks. A perfectly globe-shaped, white-skinned Turnip of medium size and excellent flavor. For early sowing this is one of the best, being crisp and tender, and maturing in six weeks from the time of sowing. A good keeper. Fine for family or market.

Packet, 5 cents; oz., 15 cents; ¼ pound 30 cents; pound, 90 cents.

Large Yellow or Amber Globe. Good for general crop. Excellent for table or for stock-feeding. Flesh yellow, firm, and fine-grained.

Packet, 5 cents; oz., 15 cents; ¼ pound 30 cents; pound 90 cents.

White Egg. An excellent variety. Nearly oval or egg-shaped. Flesh firm and fine-grained, and of snowy whiteness. Its flavor is of the very best. Particularly desirable for table. Can be sown as late as the middle of August.

Packet, 5 cents; oz., 15 cents; ¼ pound 30 cents; pound 90 cents.

Robertson's Golden Ball, or Orange Jelly. This is the most distinct yellow Turnip ever offered. It is of very fine texture, and the best sweetest and most delicious of the yellow-fleshed varieties. It is of medium size, with small tap-root, a rapid grower, matures early and keeps well

Packet, 5 cents; oz., 15 cents; ¼ pound 30 cents; pound 90 cents.

PURPLE TOP WHITE GLOBE

FINEST LAWN GRASS SEED

Lowest Prices

VICK'S "VELVET LAWN" GRASS

To make a perfect lawn, good seed is absolutely essential. Vick's Velvet Lawn Grass is composed of several grasses of high standard of purity and germination in the proper proportions to produce a thickly sodded lawn in a few weeks after sowing and to provide a deep green velvety lawn throughout the entire season. **½ pound, 30 cents; pound, 50 cents, postpaid.**

Not prepaid, five pounds, $2.15; 10 pounds, $4.00; 20 pounds, $7.50.

WHITE DUTCH CLOVER

A popular low growing perennial Clover, an essential part of Vick's Velvet Lawn Grass and Vick's Park Lawn Grass. Grows quickly, makes a fine velvety covering for the soil in a short time, as the tiny Clover leaves lie close to the ground. Used extensively to fill in and renew old lawns.

Oz., 10 cts.; ¼ lb., 18 cts.; lb., 60 cts, postpaid.

By express or freight at purchaser's expense lb., 50 cts.; 5 lbs., $2.25.

VICK'S PARK LAWN GRASS

For Turf That Has to Stand Hard Usage Without Showing Wear and Tear

Years of experience testing and trying out combinations of different varieties of grasses that will make a thick, firm, elastic, yet smooth turf, one that is deep-rooted and will stay green in both wet and dry weather, has given us this splendid Park Grass Seed Mixture.

This mixture is composed of low-growing, fine-leaved, tough and hardy grasses that will stand the great wear and tear that is required of the turf of Polo Grounds, Baseball Grounds, Croquet Grounds, Public Parks, School and Picnic Grounds. Unsurpassed for those fine smooth lasting qualities required in the best home lawns.

Sow one pound to 300 square feet; 145 pounds to the acre.

½ pound, 30 cents; pound, 50 cents, prepaid.

Not prepaid, five pounds, $2.15; ten pounds, $4.00; 20 pounds, $7.50.

VICK'S SHADY LAWN GRASS

For Any Spot So Shaded That Ordinary Grass Seed Will Not Grow

No unsightly bare spots under bay windows or trees will be seen if Shady Spot Grass Seed Mixture is used. This is a combination of dwarf growing evergreen grasses especially adapted to securing a good growth in shaded locations. As ground that is closely shaded and poorly drained is frequently sour," an application of a bushel of slacked lime or land plaster to each 1,000 square feet will sweeten it up wonderfully, and with the help of Vick's Shady Spot Grass Seed Mixture will give the very best results. **½ pound, 30 cents; pound, 55 cents, prepaid. Not prepaid, Five pounds, $2.25; 10 pounds, $4.25; 20 pounds, $8.00.**

LOW PRICES ON QUALITY FIELD GRASS SEED

Unless otherwise stated prices are f. o. b. Rochester and sub ect to market changes.

ALFALFA

Northwestern grown seed of high purity and germination.

Lb., 35c; 10 lbs., $3.20; 60 lbs., (1 bu.) $16.80.

Grimm. Famous western strain. Will stand more severe winters than ordinary Alfalfa.

Pound, 60 cents; 10 pounds, $5.50; 60 pounds, (1 bushel,) $32.00.

CLOVERS

	Per Bu. 60 lbs.	Per 100 lbs.
Vick's Medium Red Clover, American grown, fancy bright colored plump seed	$15 00	$25 00
Mammoth Red Clover	15 60	26 80
Aslike or Lucerne Clover. Surpasses all other clovers for rich moist soils. 8 lbs., per acre	14 40	24 00
White Clover. (*Trifolium repens.*) Valuable in lawn grass mixtures and indispensable in pasture mixtures. Per lb., 50 cents		45 00
Crimson Clover. Valuable, annual for hay or pasture. 10 to 15 lbs., per acre	9 00	15 00
Sweet or Bokhara Clover. White blossoms (*Melilotus alba*). Valuable perennial for soil builder, for pasture, for hay and ensilage crop	6 60	11 00

Increase Crop Yield By INNOCULATION

Alfalfa, Clover, Soy Beans, Peas, Vetch and Beans are greatly benefited by innoculation which enables them to get nitrogen from the air, thus enriching the soil. NITRAGIN is one of the best innoculants.

Sold in tins packed in a rich, soil-like granular medium, easy to mix with seed. Contents always fresh and bacteria active and vigorous. In ordering always mention kind of seed to be treated.

For Alfalfa, Clovers, Peas, Beans, ¼ bushel size, 40 cents; ½ bushel size, 60 cents; 1 bushel size, $1.00; 5 bushel size, $4.75.

Reduced Prices on Nitragin for Soy Beans, Cowpeas. ½ bushel size 40 cts.; 1 bushel size 70 cts.; 5 bushel size, $2.50.

Garden Size for Sweet Peas, Peas and Beans, 20 cents.

EXTRA RECLEANED GRASSES

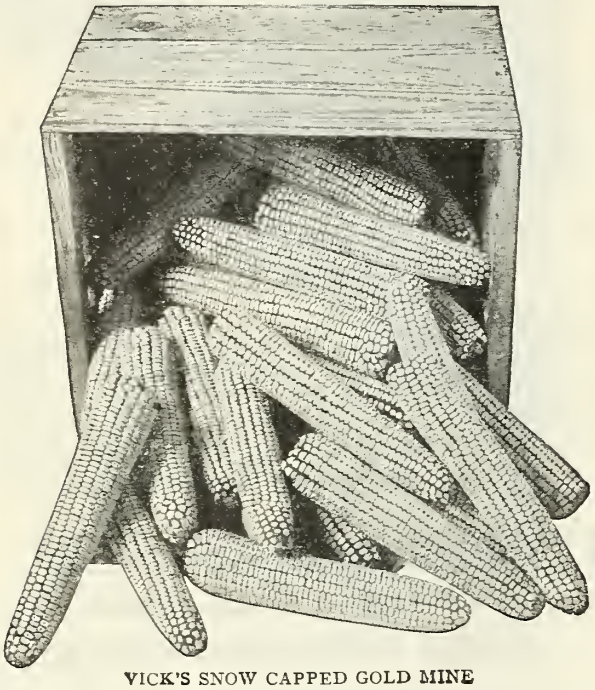
	Per lb.	Per 100 lbs.
CREEPING BENT. (*Agrostis stolonifera.*) Fine for lawn or pasture. Thrives in moist places	$ 90	$80 00
CRESTED DOG'S TAIL. (*Cynosurus cristatus.*) Excellent for permanent pasture and some lawn mixtures	50	45 00
FANCY RED TOP. (*Agrostis vulgaris.*) Indispensible in mixtures for lawns, pastures or meadows	30	28 00
CHEWING FESCUE. Excellent for lawn mixtures	55	50 00
KENTUCKY BLUE GRASS. (*Poa pratensis.*) Invaluable for lawn. For lawns 60 lbs. per acre; for pasture 20 lbs., per acre	50	45 00
MEADOW FESCUE. (*Festuca pratensis.*) Fine for pastures	28	25 00
ORCHARD GRASS. (*Dactylis glomerata.*) One of the best pasture grasses. Twenty to thirty pounds per acre	25	20 00
PERENNIAL RYE GRASS. (*Lolium perenne.*) Valuable for pasture and lawn grass. 20 to 30 lbs. per acre	20	18 00
RED FESCUE. (*Festuca rubra.*) A good grass for shady places	55	50 00
SHEEP'S FESCUE. (*Festuca ovina.*) Low growing grass with fine narrow leaves. 30 lbs. per acre	45	40 00
SUDAN GRASS. Similiar to Millet but more productive	12	8 00
TIMOTHY. Leading variety for hay, stock bright, plump, high purity and germination. 10 to 12 lbs. per acre. Per bushel (45 lbs.) $3.75	10	8 33

HAIRY VETCH

Winter Vetch, Russian Vetch. Sand Vetch, (*Vicia Villosa*). Valuable in the north, especially as a cover crop. It makes a quick vigorous growth and excels Alfalfa and the Clovers in the number and size of nitrogen bearing nodules on its roots. When grown for soiling and ensilage it is usually mixed with Rye, which furnishes support for the trailing vines of Vetch. Sow sixty pounds of Hairy Vetch and fifteen pounds of Winter Rye to the acre. If sown alone use seventy-five to ninety pounds of Hairy Vetch to the acre. By **Mail Postpaid, lb., 30 cents; Freight or Express not prepaid, 5 lbs., $1.00; 10 lbs., $1.75; 25 lbs., or over, 15 cents per lb.**

FARM AND MISCELLANEOUS SEEDS

All kinds of Farm Seeds are F. O. B. Rochester, except as noted. The prices quoted are subject to market changes and are based on the latest information obtainable at the time this Catalogue goes to press. Our customers may rely on us to protect their interests and give them the best prices possible at the time the order is received. Special prices for large quantities upon application. Twenty-five pounds at hundred pound prices except as noted.



VICK'S SNOW CAPPED GOLD MINE

FIELD CORN

Vick's Snow Capped Gold Mine. Since we introduced this variety it has gained a wonderful reputation for earliness and mammoth yield. Hundreds of farmers will tell you that this is the best variety for fodder and ensilage purposes—especially in altitudes where other dent varieties produce poorly. It is so early and so vigorous that it will produce enormous crops under conditions which would cause other varieties to fail.

In a recent impartial test of all leading kinds suitable for New England-New York-Penna. area, no other variety surpassed this in earliness, quality, size of ear, and amount and quality of leafage.

It is a yellow corn, with white surface or "Cap". Ears are large, cobs small. Try it this year, beside the best variety you know about. Next year you will order more "Snow Capped Gold Mine."

14 lbs. (pk.), 95 cts.; 28 lbs., (½ bu.), $1.75; 56 lbs., (1 bu.), $3.25. 4 bu. for $12.00.

Genesee Valley. The standard yellow eight rowed flint variety used most commonly in this locality. It is an improvement of the old popular Long Fellow. The coh is white, 12 to 15 inches long, very slender. It is one of the earliest, hardiest and most productive varieties of Flint Corn, especially adapted to this part of the country.

14 lbs., (pk.) $1.15; 28 lbs., (1-2 bu.) $2.15; 56 lbs., (1 bu.) $4.00.

Improved Leaming. One of the standard yellow dent varieties for ensilage purposes. Very strong growing. Has large ears, 16 rows of deep kernels.

14 lbs., (pk.) 90c.; 28 lbs., (1-2 bu.) $1.65; 56 lbs., (1 bu.) $2.75.
4 bu. for $10.00.

BARLEY

Alpha. A new variety developed by the New York State Agricultural College. It out yields all other varieties here. It is bearded, stools well, has a stiff stalk and plump kernel.

12 lbs., 60 cts.; bu., (48 lbs) $2.60; 2 bu., or over $2.50.

FIELD BEANS

By mail postpaid, per lb., 25 cents. By Express or Freight not prepaid, 15 lbs., $3.65; 60 lbs., bu. $14.40; 100 lbs., $24.00 except as noted.

Large White Kidney. Extensively grown as a dry bean for winter use. The beans are large, clear, white, cooking dry and mealy.

Red Kidney. A popular field sort. Hardy and heavy yielder.

Robust Pea or Navy. Improved Strain. Very productive.

Per bu. $9.00; 100 lbs., $15.00.

BUCKWHEAT

Japanese. The heaviest yielding variety, with very large kernels and large branching plants. 12 lbs., 60 cts.; bu., 48 lbs., $2.40; 10 bu., $22.50.

Silver Hull. The best for flouring purposes. Kernels smaller than Japanese, silvery gray in color. Fine stock.

12 lbs.. 60 cents; bu., 48 lbs., $2.40; 10 bu., $22.50.

MILLET

Hungarian Grass (*Panicum Germanicum*). Valuable soiling plants. May be sown as late as first of July, and produce a large green crop. Sow 40 lbs. to the acre. Bushel, 48 pounds. Pound, 10 cents; 100 lbs., $7.50.

Golden Millet. Medium early forage plant, very prolific. Sow 38 pounds per acre. Bushel, 40 pounds. Pound, 10 cts; 100 lbs., $6.75.

VICK'S SELECT OATS

Swedish. One of the standard branching varieties with the panicles evenly distributed around the main stem. Our stock is of superior quality.

Per bushel 32 lbs., $1.50; 10 bu., for $13.00.

American Banner. Originated by us many years ago. Now better than ever as it has been improved by selection. A very heavy yielder; the grain is white, plump and ripens early.

Per bushel 32 lbs., $1.50; 10 bu., for $13.00.

CANADA FIELD PEAS

Very valuable hay and grain crop. A good soil builder. The vines and seed are very rich in food content and therefore, give best results when fed with other grain. Oats and Peas grown together make an excellent nutritous hay while the mixed shelled grain makes a better balanced stock ration than either variety alone. Canada Peas being leguminous, greatly enriches the soil where grown.

1 bushel $4.50; 2 bushels or more, $4.35.

RAPE Dwarf Essex

Extremely valuable for furnishing a quick growth of forage. A vigorous strong growing turnip-like plant. Especially grown for feeding sheep, hut cattle, pigs, and milch cows do very well upon it. For sheep pasture, sow in May, and it will be ready for pasturing in July and August; or sown in June, or even up to the latter part of July, it will furnish a large amount of pasture or fodder. In drills, sow five pounds to the acre; broadcast, ten pounds to the acre.

Pound, 15 cents; 100 lbs., $10.00.

RYE

Spring Rye. The standard variety for spring planting. Sow about one and one-quarter bushels to the acre.

15 lbs., 80 cents; 56 lbs., (bu.) $2.50.

Rosen Rye. The most improved variety of Winter Rye.

15 lbs., 70 cts.; 56 lbs., (1 bu.) $2.25.

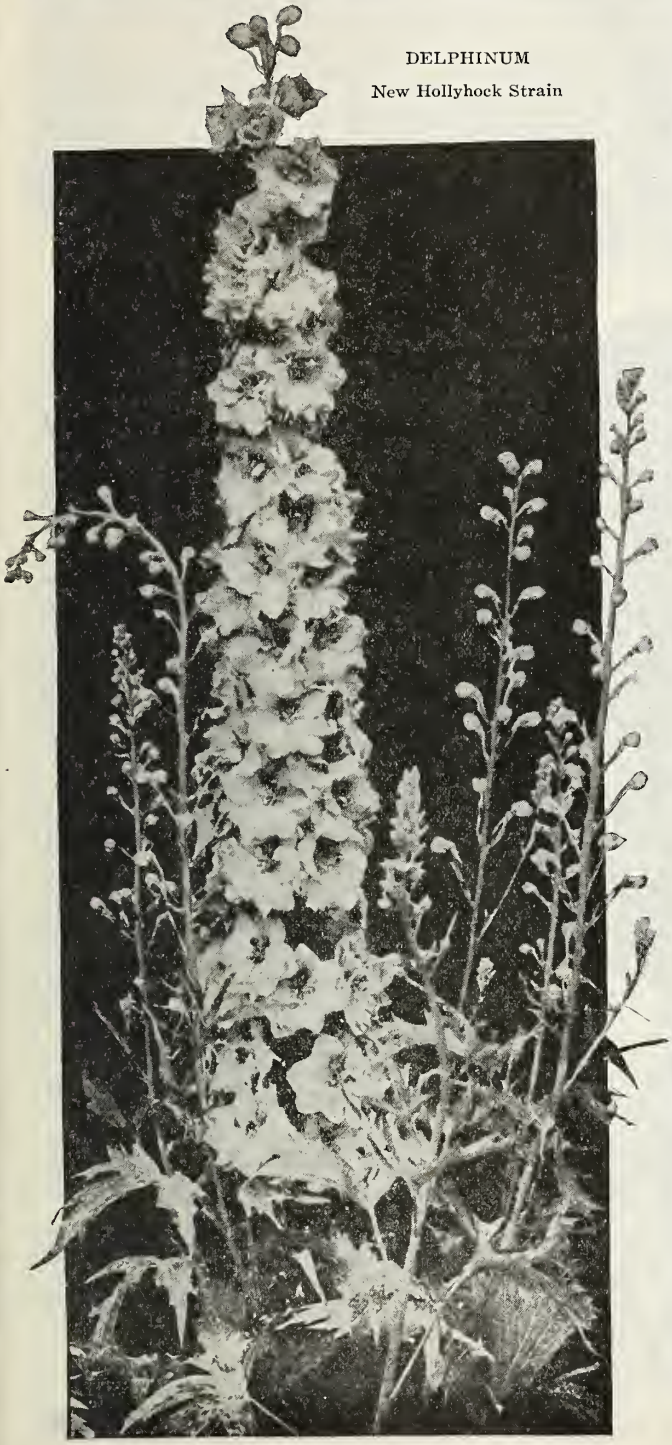
SPRING WHEAT

Spring Wheat is being used more extensively in this section every year with a high degree of success. Per bushel 60 pounds, $3.25.

Harvest larger and better crops by treating all seed grains with Ceresan, Beans, except Limas, with Semesan, seed Corn with Semesan Jr., seed Potatoes with Semesan Bel. These make the best crop insurance you can buy. For full particulars see page 93.

If you are interested in any varieties of field seed not listed here we shall be glad to have you write for prices

FLORAL NOVELTIES---that will make your garden a joy to behold!



DELPHINUM
New Hollyhock Strain

Delphinium, New Hollyhock Strain

A fine mixture of all light shades, pale clear blue predominating. The flowers are large, truly double, well placed on long, pyramidal spikes, their sturdy growth and general appearance reminding one of a Hollyhock, hence the name. This striking type is the result of several years of painstaking reselecting by our plant hybridizer. We highly recommend it to those who wish a select strain of this wonderful improvement in perennial Delphinium.

Packet 50 cents; two for 75 cents.

Chinese Forget-Me-Not

This beautiful annual comes directly from China. We have been greatly interested in its introduction, testing it in our proving grounds. Flowers look like Forget-Me-Nots but the plant is much stronger, growing about 18 inches high, branching from the crown and producing beautiful little sprays of blue flowers all through the summer months. Ideal for bedding as well as for cut-flowers. Two colors, Deep Myosotis Blue and Pure White.

Each 20 cents per packet; two for 35 cents.

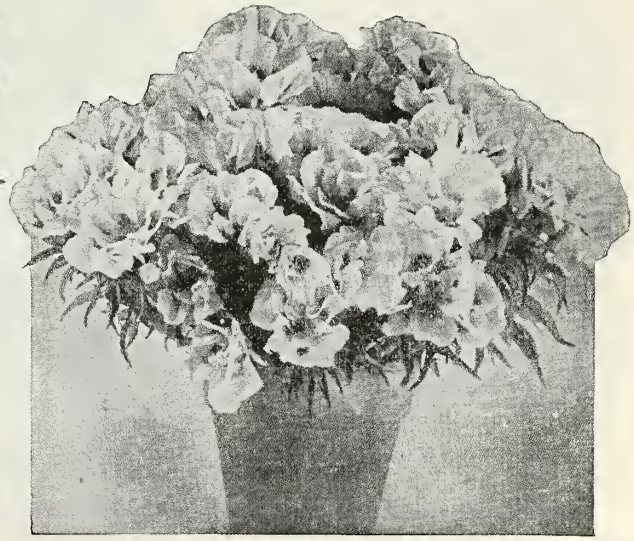
Godetia (*Two New Strains*)

Dwarf Double Azalea Flowered. Superior for beds and borders and especially for pot plants. Two beautiful colors: Carminea, pink with blotched center, and Brilliant, dark crimson.

Each, packet 25 cents; two for 40 cents.

Tall Double Azalea Flowered. We highly recommend these for cut flowers because of their long stems. Carminea, pink with distinct marking. Rosy Morn, deep rose.

Each 25 cents; two for 40 cents.



GODETIA, Dwarf Double Azalea Flowered

More Striking FLORAL NOVELTIES

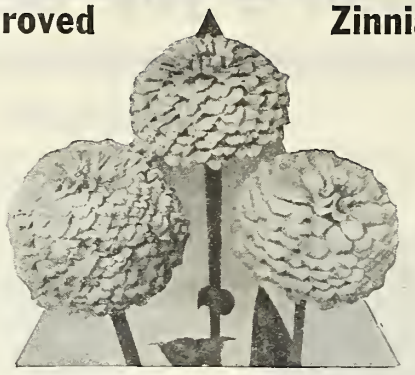
Zinnia---New Lilliput Improved

No type of Zinnia has come into favor so rapidly as this. For several seasons we have been concentrating on a type with plants of even height for bedding purposes, bearing small, button-like, fully double flowers.

Salmon-Rose, introduced several years ago, attracted the attention of florists for basket work. Crimson Gem followed, and this year we are adding a delicate flesh pink. Although classed as bedding type, they will throw long stems when heavily fertilized, thus making them valuable for florists' use. The collection is as follows:

Canary Yellow	Salmon Rose
Crimson Gem	Scarlet Gem
Delicate Flesh Pink	White Gem
Golden Gem	Finest Mixed
Purple	

Per Packet 25 cents; one each of all 8 for $1.65.



ZINNIA—New Lilliput Improved

Zinnia---New California Giant

A mutation from the popular Dahlia Flowered Zinnias, carrying the same robust habit, throwing vigorous laterals from which the best flowers usually come. By the time flowers are half grown they make a useful florist cut-flower; in full bloom they reach enormous size, sometimes 8 to 9 inches, their flatness giving them a more graceful appearance than other mammoth types.

Cerise Queen, cerise rose;
Enchantress, light rose, center deep rose;
Miss Wilmott, soft pink;
Orange Queen, golden yellow;
Pink Profusion (new) delicate shrimp pink, very large;
Rose Queen, bright rose;
Lemon Queen, lemon orange;
Orange King, burnt orange;
Purity, white;
Scarlet Gem, glowing scarlet;
Finest mixed.

Packet 25 cents. One each of all ten for $2.00.

Annual Larkspur

La France. Has "won its spurs" as predicted. Its unique feature which it now shares with this year's novelty, Los Angeles, is its large number of salable laterals from the crown stem. As many as 18 flowering stems have been picked from one plant.

La France is very floriferous, the large, well formed, double flowers being well placed on long stems. The color is a pleasing salmon-pink.

Packet 25 cents; two for 40 cents.

Los Angeles. Another 1929 new variety. It has the same rich salmon ground as La France, overlaid with a brilliant and pleasing rose. The type of growth is similar to La France but the foliage is a darker green, making the large double flowers stand out more prominently.

Packet 25 cents; two for 40 cents.

Exquisite Pink Improved. Exquisite in color. Perfection in form. Purity in strain. A soft pink shaded salmon similar to our perennial Delphinium which comes practically 100% true. Received Award of Merit of Royal Horticultural Society Wisley trials 1929.

Packet 25 cents; two for 40 cents.

White Spire. A new dazzling white double Larkspur with the improved upright Delphinium-like habit of Exquisite Pink Improved. The long straight, upright stems, make it superior to all other white Larkspurs as a cut-flower.

Packet 25 cents; two for 40 cents.

ANNUAL LARKSPUR—LaFrance

Blue Perennial Poppy

Brought from Tibet by Captain Kingdon Ward. Throws up from its root stalk a half dozen stems 2 to 3 feet tall, well furnished with broad sea-green leaves, bearing freely large four-petalled blooms of a Glorious Sky Blue Color, the effect of which is enhanced by a central zone of golden yellow anthers. This superb plant was awarded a First Class Certificate and an Award of Merit by the Royal Horticultural Society. Because of its beauty and hardiness this rare novelty, whose botanic name is Maconopsis Baileyi, will become very popular among real flower lovers and gardening experts. Requires deep loam and leaf soil in a moist, well drained, half shady location. If you can give it these requirements by all means add this to your collection of rare and beautiful plants.

Packet, 35 cents.

Helichrysum Monstrosum

"Silvery Pink". A soft pleasing shade of delicate silvery cameo pink. The dainty delicate color is something quite new in Helichrysums. The blooms are quite large, slightly over two inches in diameter. For its unusual beauty in the garden and especially for dried flower purposes this will prove to be very popular alike with amateurs and florists.

Packet 25 cents; two for 40 cents.

New Double Heliopsis

We offer for the first time this new Double Heliopsis, which is a great improvement over ordinary strains of Single and Semi-Double. The flowers are a brilliant golden yellow, twice as large as the ordinary variety. Stems are exceptionally stout and attain a height of 3 or 4 feet.

This is a true perennial strain, but seed planted in the early spring in the experimental grounds is in full bloom in July. We believe this will become a very popular variety for cut-flowers.

Packet 25 cents; two for 40 cents.

NEW DOUBLE HELIOPSIS

Anchusa---*"Blue Bird"*

Perennial Anchusa, especially Dropmore variety (see page 71) has become well known and very popular, deservedly, because of its beautiful bright flowers, the abundance and long season of bloom.

Now we offer its counterpart in an annual variety originating in England. It grows about 10 inches high, is of compact habit, and bears its vivid indigo blue flowers in a luxuriant bouquet at the top of the plant. Brilliantly effective in any scheme for the decoration of beds or borders.

Packet 25 cents; two for 40 cents.

A FIELD OF VICK'S EARLY FLOWERING COSMOS GROWING FOR SEED ON ONE OF OUR FARMS. (See page 51.)

VICK'S ANNUALS

THE Annuals are valuable treasures to both amateur and professional gardener. In every conceivable spot in the garden some variety will be found especially well adapted. Every bed can be made brilliant with these favorites, for there is no situation or soil in which some of the Annuals will not flourish. Some members delight in shade, others in sunshine; some are pleased with a cool clay bed, like the Pansy; while others are never so comfortable as in a sandy soil and burning sun, like the Portulaca. Still others seem perfectly indifferent, and will grow and flower under almost any circumstance. Some kinds should be planted very early in the spring, while a few will give an abundance of bloom if planted quite late in the season.

To the Annuals, mainly, are we indebted for our brightest and best flowers in the summer and autumn months. Without the Phlox and Petunia and Portulaca and Aster and Stock, our gardens would be poor indeed, and poorer still without the sweet fragrance of the Alyssum, Mignonette and Sweet Pea. Our list of Perennial flower seeds begins on page 67, hardy plants and bulbs on page 71.

AGERATUM

The pretty, brush-like flowers of the Ageratum are produced in clusters constantly all through the summer. The plant has a neat, bushy habit. Excellent for bedding or for bouquets. Seeds may be sown in a mellow seedbed in the open ground, or under glass early in the season. Pkt.

Little Dorrit. Azure blue. Very dwarf. Free flowering 10
Little Dorrit, White. Same as above, except in color of flower. . . . 10
Blue Perfection. Splendid dwarf bedding variety, the darkest of all blue Ageratums. ¼ ounce, 40 cents 15
Mixed Varieties. ¼ ounce. 15 cents; ½ ounce, 25 cents 10

ALLEGHENY VINE

Adlumia cirrhosa. Wood Fringe. Graceful hardy biennial climber with feathery foliage like the Maiden Hair Fern. Bears a profusion of pretty and curious tube shaped pink flowers. Easily grown, and blooms first year from seed. Likes a damp, cool place. Often reseeds itself . . . . Pkt. 15

ALYSSUM (See also pp. 67 and 71)

Small white flowers, delicately fragrant, valuable for cutting and for bedding. Sow in early spring or even the previous autumn. In the border the plant is covered with bloom the entire season. For winter bloom sow the last of August, thinning to about a dozen plants for a good sized pot or basket. When out of bloom cut back for a second crop of flowers. Pkt.

Sweet Alyssum. ½ ounce, 20 cents; ounce, 30 cents 5
Little Gem. Dwarf, compact. Not over six inches high. Covered with fragrant white flowers the entire summer. ¼ oz., 20 cts.; oz., 60 cts. 10
Carpet of Snow. As the name indicates, this variety forms a close mat completely covering the ground with white bloom.
¼ ounce, 25 cents; ounce, 75 cents 10

AMARANTH

Bright colored foliage plants from three to five feet high. Easily grown annuals thriving in hot sunny locations Pkt.

Sunrise. This is the most brilliantly colored of all the Amarantbs we offer. Lower leaves dark maroon; top of plant glowing crimson scarlet all summer. A bed or border of Sunrise Amaranth at a short distance bears a striking resemblance to the Poinsetta so popular on our west coast. It has been suggested that it might fittingly be called Northern Poinsetta 20
Tricolor (Joseph's Coat). Foliage crimson, yellow, bronze 10
Caudatus (Love-lies-bleeding). Brilliant crimson foliage, drooping . 10
Vick's Fine Mixture 10

ASPERULA

Flowers fragrant. Plants bloom profusely. About nine inches in height. Thrive well in the shade. Fine for borders and rockeries. Pkt.

Azurea setosa. Annual. Fragrant sky-blue flowers. Blooms all summer. 10

ANTIRRHINUM MAXIMUM
New Race of Snapdragons

This large flowering group of Snapdragons far surpasses all other varieties we have yet offered. They are tall growing and the flowers are of magnificent size, closely placed on the spikes. Pkt.

Canary Bird. Light yellow, golden yellow center 15
Venus. Beautiful pink and white 15
Cerberus. Lovely carmine rose with gold lip 15
Copper King. Deep velvety scarlet with copper cast. 15
Golden Queen. Deep golden yellow 15
Purple King. Deep glowing purple 15
Snowflake Pure white, yellow tube 15
Maximum Mixed 15

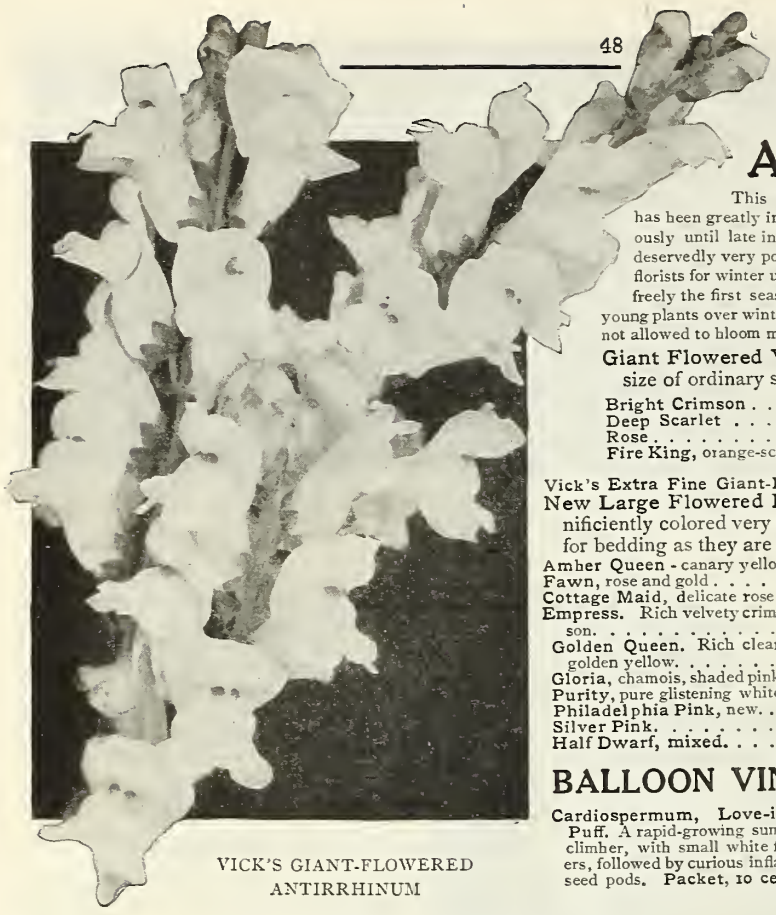
BORDER OF ALYSSUM AND GERANIUMS

AGROSTEMMA (Rose of Heaven)

Pkt.

Coronaria. A very pretty old favorite hardy annual of graceful habit; flowers of light rose, shaded white; silvery white foliage. 10

Sunrise Amaranth with its flaming red tops bears a striking resemblance to the brilliant and well-known Poinsetta.



VICK'S GIANT-FLOWERED ANTIRRHINUM

Vick's Giant Antirrhinums (SNAPDRAGON Hardy Annual)

This fine old time favorite is again becoming very popular. It has been greatly improved in recent years. As a bedding plant it blooms continuously until late in the fall. Since the long spikes of brilliantly colored flowers are deservedly very popular for cut flowers, Snapdragons are grown extensively by florists for winter use. Grow two to three feet high. Sown in early spring it blooms freely the first season. For early flowers sow seed in midsummer and protect the young plants over winter. Plants from seed sown in the spring will live over winter if not allowed to bloom much the first year. They should have some protection in winter.

Giant Flowered Varieties. Of tall growth with flowers double the size of ordinary sorts.

Bright Crimson	10	Scarlet and Gold	10
Deep Scarlet	10	Queen Victoria - white	10
Rose	10	Venus - pink on white	15
Fire King, orange-scarlet	10	Yellow	10

Vick's Extra Fine Giant-Flowered Mixed. ounce, $1.00; 1-4 oz. 30 cts.; pkt., 10 cts.

New Large Flowered Half Dwarf Varieties. Of stocky growth with magnificiently colored very large spikes of flowers. Far superior to tall varieties for bedding as they are more compact, and have fully as large flowers.

Amber Queen - canary yellow overlaid chamois pink, golden lips. 10
Fawn, rose and gold 10
Cottage Maid, delicate rose pink, white throat. 10
Empress. Rich velvety crimson. 10
Golden Queen. Rich clear golden yellow. 10
Gloria, chamois, shaded pink 10
Purity, pure glistening white 10
Philadelphia Pink, new. . 15
Silver Pink. 15
Half Dwarf, mixed. . . . 10

BALLOON VINE

Cardiospermum, Love-in-a Puff. A rapid-growing summer climber, with small white flowers, followed by curious inflated-seed pods. **Packet, 10 cents.**

BALSAM. Lady's Slipper

The seed of this popular old-fashioned annual should be sown either in the house, or in the garden after the ground has become warm. The plants do best in a rather light, rich soil. They transplant readily, and the flowers are much finer if the plants have plenty of room; one foot apart each way is not too much space for best results. Grown this way and given plenty of water the Balsam will make a splendid show and will remain in bloom for a long time. The plants grow about two feet in height.

Camellia-flowered varieties. Superb double flowers in a variety of colors as follows:
White Perfection, Pkt. 15 cts. Deep Scarlet, Pkt. 15 cts. Light Pink, Pkt. 15 cts.
Blood Red, Pkt. 15 cts. Mixed, Many fine shades, Pkt. 10 cts. Double Mixed, Pkt. 15 cts.

BRACHYCOME

Swan River Daisy. Annual. A charming little flower in blue or white. Plants compact, 12 inches in height, with neat slender foliage. Easily grown and blooms the whole season. Very useful in lightening up bouquet of larger flowers. A fine edging plant. . . . . **Mixed colors.** 10

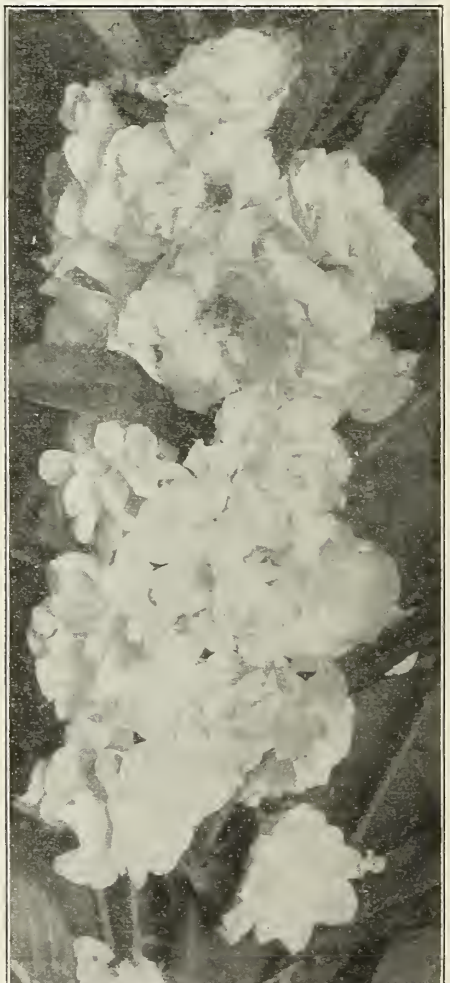
CALLIOPSIS

Plants about two feet in height, of slender growth, and should be given plenty of room to spread. The flowers are of various shades of yellow and orange, variegated with rich velvety crimson or maroon. These graceful flowers are excellent for bouquets, their warm and brilliant tints harmonizing well with all other colors. The seed grows very readily, and may be sown where the plants are to flower. The perennial variety called Coreopsis appears on pages 68 and 72. Varieties below are annual. . . . . Pkt.
Coronata. Plants compact and of a bright rich green. Bloom early and continue until late fall. Flowers golden yellow, about the size of a silver dollar, resembling perennial Coreopsis. 10
Drummondi (Golden Wave). Plants bushy, compact, covered with rich golden yellow flowers, chestnut-brown center 10
Dwarf Varieties Mixed. Fine for edging or pots 10
Tall Varieties Mixed. A splendid mixture of gold, red, maroon and bronze in charming combinations. **One-half ounce, 20 cents.** 10

CANNA (For Bulbs see page 87)

Cannas are especially valuable as bedding plants not only because of their glowing colored flowers, but the various hued foliage. Will bloom from seed the first year sown early. Soak seed in warm water 24 hours before planting.

Crozy's Hybrids. Gorgeous bedding plants, dwarf in habit, early bloomers, and remarkable for beauty, size of flower and foliage. If seeds are sown before April in hotbed or greenhouse, the plants will bloom in July, and continue until frost. These plants may be potted in the fall and kept blooming through the winter, or the roots may be taken up in late fall and re-planted the following spring. ¼ ounce 20 cents; ounce, 50 cents 10
Fancy Varieties. Seeds selected from the best of the newest sorts. ¼ ounce, 25 cents; ounce, 60 cents 15



BALSAM—LADY'S SLIPPER

See page 47, for our splendid new Antirrhinums Maximum. Several new colors, mammoth spikes of flow ers.

ASTERS

Alphabetically our Asters should be catalogued here, but rated by their popularity throughout the country and their importance as the most widely used annual variety both for amateur and florist, they lead all other flowers. Therefore, we are placing them this year in the front part of this book on pages 8 to 16 inclusive, immediately following our Novelties, where they appropriately belong.

GIANT YELLOW TULIP POPPY (Hunnemannia)

A truly wonderful variety of California Poppy having the valuable distinction of being the best Poppy for cut flowers, the large, yellow, satiny blooms keeping in perfect condition several days in water. This flower begins blooming in a few weeks from sown seed and continues to blossom all the summer and fall. **Packet, 10c.**

CANDYTUFT

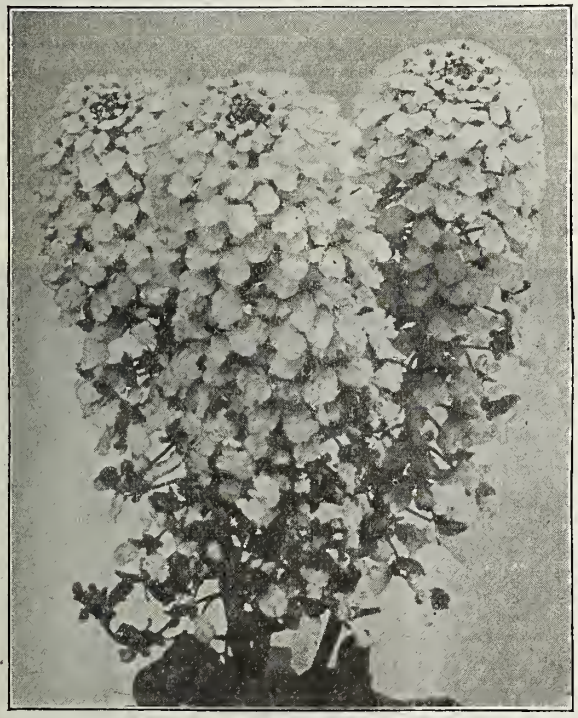
(See page 68 for hardy varieties)

Candytuft is one of the most popular garden Annuals. It can be grown from seed to blossoming plants in a few weeks, and continues to bloom for a long time. Plants thinned out to six inches apart in good moist soil, will completely cover the ground. Valuable as a low growing bed or border.

Purple, White Rocket, Carmine, Lavender, Flesh, Ex. Dark Crimson. Each Color, ¼ oz. 15 cents; ounce, 50 cents. Pkt 10
Mixed colors of above Six Varieties. Ounce, 40 cents. 5

Empress. A strong freely blooming variety, each plant producing several large trusses of pure white flowers. This is the largest and most widely popular variety. ¼ ounce, 25 cents; ounce, 60 cents. 10

Pinnata, (Odorata, sweet-scented.) Compact plants with fine feathery foliage and pure white flowers. Splendid for edging. Retains a neat appearance throughout the season. **½ ounce, 25 cents; ounce, 40 cents.** 15



EMPRESS CANDYTUFT (One of the finest)

AFRICAN DAISY

New Hybrids. The blooms of these New Hybrids of the Golden Orange African Daisy, Dimorphotheca aurantiaca, comprise a wonderful variety of beautiful and delicate shades of color, ranging from pure white through pale salmon and prime tones to deepest orange. The flowers are very graceful and are produced in the greatest profusion all summer. A bed of the New Hybrid African Daisy makes a continuous charming display of color. Pkt. 10

CALENDULA or Pot Marigold

One of the best and showiest free-flowering annuals. Will grow in any good garden soil and produce a fine effect in beds and mixed borders. Valuable for pot culture, blooming in the winter and early spring. One foot high. Pkt

Lemon Queen. See picture in colors inside back cover 10
The Ball. New. The best deep orange. See inside back cover 15
Meteor. Handsome, double, and beautifully striped, the petals having a creamy center edged with orange-yellow 10
Orange Giant. The finest large-flowered orange. Very double 10
Mixed Varieties. ½ Ounce, 20 cents; Ounce, 35 cents 5

CALENDULAS

CALIFORNIA POPPY—Eschscholtzia

The brilliant **Eschscholtzia** is California's chosen State Flower. The plants grow to about a foot in height; the leaves are of a grayish green color, finely cut and divided. The large, handsome flowers, two inches or more in diameter, are produced in great profusion all summer. Seeds should be sown where the plants are to bloom. Pkt.

Burbank's Crimson or Mikado. Brilliant orange scarlet 10
Golden West. A beautiful variety; color light orange-yellow 10
Rose Cardinal. Outside of flower carmine, inside nearly white. 10
Single Varieties, Orange, Yellow and White, each 10
Double Varieties, Orange and White, each 10
Single Varieties Mixed, oz., 50 cents; ¼ oz., 20 cents, 10
Double Varieties Mixed ¼ oz., 30 cents. 10

For general list of Poppies, See page 59.

CYPRESS VINE

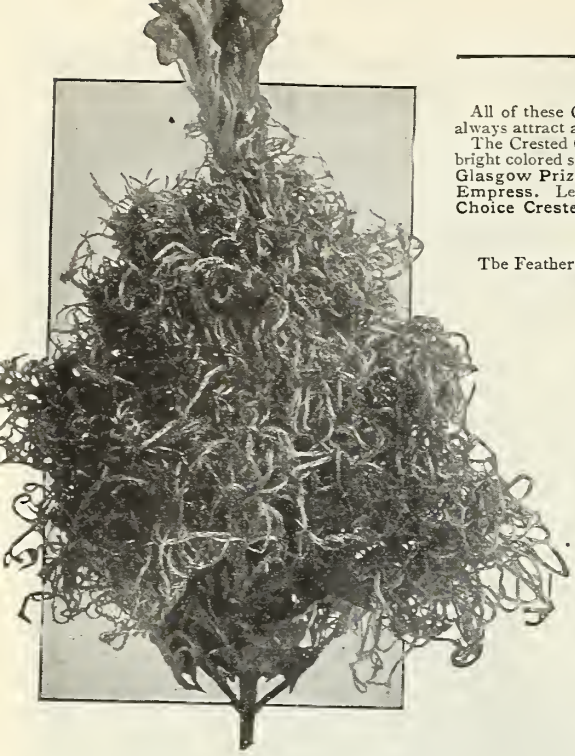
Ipomœa Quamoclit. One of the most graceful and beautiful of garden vines Its scarlet or white flowers are produced in profusion, and its exquisite finely-cut foliage is well adapted to ornamental work. In rich soil it attains a height of ten feet. Pkt.

White and Scarlet, each 10
Mixed, ounce, 50 cents; ¼ ounce, 20 cents 5

CLARKIA

The flowers of this hardy easily grown annual in various shades of Red, Pink and White, are borne on long graceful racemes or branches. Splendid for cutting. Rapidly growing in popularity. **Single mixed, pkt., 10 cts. Double mixed, pkt., 10 cts.**

Lemon Queen and Ball Calendula, new and improved forms of this popular flower in colors inside back cover.



NEW CELOSIA GAY CAVALIER

CELOSIA CRISTATA, (Cockscomb)

All of these Celosias are marvelously beautiful developments of tbe old-fashioned Cockscomb. They always attract attention and admiration.

The Crested Celosia or Cockscombs are interesting and brilliant and very easily grown. They form bright colored solid beads of large size. Excellent for border or pot plants. Pkt.

Glasgow Prize. Large dark crimson comb, green foliage 10
Empress. Leaves dark maroon; heads crimson. Fine 10
Choice Crested Varieties Mixed. Brilliant colors 5

CELOSIA PLUMOSA, (Feathered)

Tbe Feathered Celosias beautiful featbery plumes of great size and various forms. The following include tbe finest varieties we have ever seen.

Pride of Castle Gould. Ostrich Plume Celosia. An entirely distinct type of the Feathered Celosia. Pyramidal compact growtb of from two to three feet, covered with immense extra fine feathered heads, a most striking and unique appearance. Severa. brilliant colors 15
Golden Plume. Brigh golden, feathered 10
Superba plumosa. Super feathered, brigbt crimson 10
Thompson's Superb Crimson Feathered. Splendid. One of the best. 10
Mixed Colors Brilliant feathered varieties 5

CHINESE WOOL-FLOWER

A unique type of Celosia Plumosa. Plants grow two to three feet bigh and throw out scores of branches bearing beautiful ball-sbaped flower heads, somewhat resembling balls of wool of the following colors

Crimson, Pink, Rose, Yellow, or White, pkt.. 15 cts. Mixed Colors, pkt., 10 cts.

NEW CELOSIA GAY CAVALIER

Celosia Plumosa Cristata. Gay Cavalier is a new remarkably beautiful variety of Feathered Celosia whicb is also crested or crowned with numerous small cockscombs of varied and fantastic sbapes. Tbe plumes are as gracefully airy and fluffy as tbe finest ostrich plumes in various sbades of silvery pink, silvery salmon. deep red, gold and orange. While all of these newer types of Celosias on tbis page are interesting and beautiful we consider our Gay Cavalier the most wonderful of all.

Per packet 20 cents; two for 35 cents.

CENTAUREAS

Under this heading we list the popular Bachelor's Button, Basket Flower, Sweet Sultan and Dusty Miller. All are annuals or half-hardy perennials, fine for vases, baskets and pots—for bedding, borders and edgings.

Centaurea Cyanus
Bachelor's Button, Corn Flower, Ragged Sailor, etc.

One of our best known hardy annuals. Blooms freely and is easily grown. Eighteen inches to two feet high. Splendid in a hardy border and for vases.

Double Blue, Finest of the Corn Flowers. Full double flowers of deep blue. ½ oz., 40 cts. Pkt. 10
Emperor William. Fine Dark blue. Ounce 40 cents 10
Mixed Colors. ¼ ounce, 15 cents; ounce, 40 cents 5

Centaurea Americana

Basket Flower. Grows three to five feet, bearing immense, thistle-like blooms of rosy-lavender color on long stems. Handsome in the garden or as a cut flower. White and Lilac mixed 10

Centaurea Imperialis (Sweet Sultan)

These mammoth varieties are great improvements on tbe old Sweet Sultans. Easily and successfully cultivated everywbere. Tbe flowers are two to four inches across, of graceful form, and of the sweetest fragrance. Being on long, stiff stems, tbey are admirably adapted for cutting, keeping a long time. Bloom continuously until late autumn. Plants grow two to four feet high. Pkt.

Odorata. Ligbt blue 10
Marguerite. Pure satin white 10
Suaveolens (Yellow Sweet Sultan). Large fragrant flowers produced all summer. Fine for cutting. Two feet high 10
Mixed Colors, including many shades. Oz, $1.00; ¼ oz., 30 cts. . . . 10

Centurea Silver Leaf Dusty Miller

Low growing white-leaved perennial varieties, used for ornamental bedding, edging, vases, etc. Grows 12 to 15 inches high. Pkt.

Candidissima. Leaves silvery-white, much divided 10
Gymnocarpa. Leaves silver-gray finely divided 10

CHRYSANTHEMUMS

For plants of hardy varieties see page 80.

Tbe Annual Cbrysanthemums present a varied array of showy, attractive flowers. They are free-blooming, easily-grown, excellent for cut flowers.

SINGLE FLOWERED Pkt.

Golden Feather, Carinatum, Tricolor. Foliage striking yellow. Flowers yellow, witb crimson ring near center 10
Single Varieties mixed 5

DOUBLE FLOWERED

Bridal Robe. Double pure white flowers . . . 10
Coronarium. Double white 10
" Double yellow 10
Double Varieties mixed 5

DATURA

Large, strong-growing plants, with large, trumpet-shaped flowers. Roots can be preserved in the cellar like Dahlias. Tbree to five feet in beigbt Pkt.

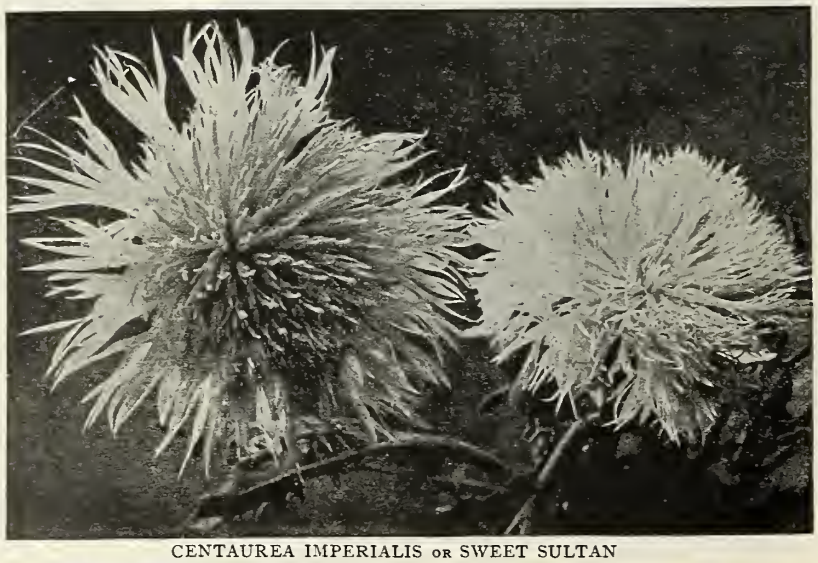
Wrightii. The best single variety, white tinged with lilac, sweet-scented. 10
Double Varieties Mixed 10

DAHLIA (For Bulbs see page 84) Pkt.

Choicest Double varieties mixed 10
Finest Single varieties mixed 10

GLADIOLUS (For Bulbs see page 85)

Mixed from Choice Named Varieties 10



CENTAUREA IMPERIALIS OR SWEET SULTAN

The flowers of Centaurea Americana are strikingly beautiful and always attract attention at Flower Shows

Vick's Early Flowering Giant Cosmos

One of our specialties.

This well-known, popular annual has earned an enviable place in the flower world because it bears its large, beautiful flowers in late summer and autumn when other flowers are scarce. We are especially proud of our Early-Flowering Giant Cosmos, a new strain developed on our farm, especially selected for earliness and size of bloom. It grows so rapidly that seed can be sown out of doors where plants are to grow. In a few weeks the plant will be covered with a mass of large, beautiful flowers, and will continue to bloom until frosts come in the fall. The flowers of this excellent strain are fully as large and beautiful as the very best late flowering kinds, and come in various shades from pure white to purplish pink. Unsurpassed for cutting. See picture of field on page 47.

	Pkt.
Separate colors, Extra Early Flowering, White, Pink, Crimson each	10
Mixed colors, Extra Early-Flowering, ¼ ounce, 30 cents	10
Cosmos Collection of 3 packets of Extra Early-Flowering, one each of white, pink and crimson	25

DOUBLE CRESTED COSMOS

	Pkt.
New Early Flowering Crested. The earliest and finest strain of this handsome double crested type. Seed sown in April usually in bloom early in July. A large percentage come true	
White, Pink, Crimson, Peach Blossom and Mixed Colors, each	15
Late Double Crested Cosmos. White, Pink, Crimson or Mixed	10

MAMMOTH AUTUMN COSMOS

	Pkt.
Mammoth Perfection. A vast improvement over the old sort; flowers double the size, the petals being broader and over-lapping, forming a perfectly round flower. Fine for cutting for bouquets and vases, keeping several days in water and lasting out doors until cut down by frosts.	
Pure white, Pink and Crimson each, ¼ oz., 20 cents	10
Mammoth Perfection Mixed, ¼ oz., 20 cents	10
Yellow Klondyke. (New) A new distinctive color in Cosmos. A fine golden yellow. Requires long season. Should be started in the house or in hot bed to insure blooms.	15

VICK'S EARLY FLOWERING COSMOS

CARDINAL CLIMBER

The Most Beautiful and Brilliant Annual Climber Ever Offered

A strong, rapid grower, attaining a height of thirty feet or more, with beautiful fern-like lacinated foliage, covered with fiery cardinal-red flowers from midsummer till frost. The flowers are about 1¼ inches in diameter, and are borne in clusters of five to seven blossoms each. It delights in a warm, sunny situation and good soil. . . . . Pkt. 10

COBOEA SCANDENS

Another beautiful annual climber, of rapid growth, with fine foliage; flowers bell-shaped, almost one and one-half inches across and two inches long. In good soil the stems often grow twenty to thirty feet long and cover a large surface. Plants begin flowering when quite young. Put the seed in barely moist earth, *edge* down, and barely cover with light soil. Do not water until the plants appear, unless the soil is very dry.

Purple. . . . . Pkt 10

DIANTHUS—Garden Pinks

The varieties of Dianthus known as Chinese Pinks and Japanese Pinks are among the most brilliant of our garden flowers, and are worthy of particular care. The plants are from twelve to fifteen inches in height. Seed can be sown under glass in the spring, or in an open, sheltered bed. The plants are easily transplanted, and should be set from eight to twelve inches apart. Blooms the first summer, and also the second, if the flowers are freely picked, and the plants are protected in the winter.

DOUBLE GARDEN PINKS

	Pkt.
Chinese or Indian. Blooms in clusters. Flowers double. Best mixed.	10
Diadem. Dazzling colors with distinct black markings. Beautiful variety.	10
Fringed. Deeply fringed. Magnificent large flowers in rich colors	10
Heddewigii. Beautiful large flowers in rich color patterns. Fringed	10
Imperial. The large double flowers distinctly marked. Choice colors	10
Mourning Cloak. Very dark velvety crimson bordered with white	10
Double Varieties Mixed, ¼ oz., 30 cents	5

SINGLE GARDEN PINKS

The rich markings show more plainly than in the double flowers.

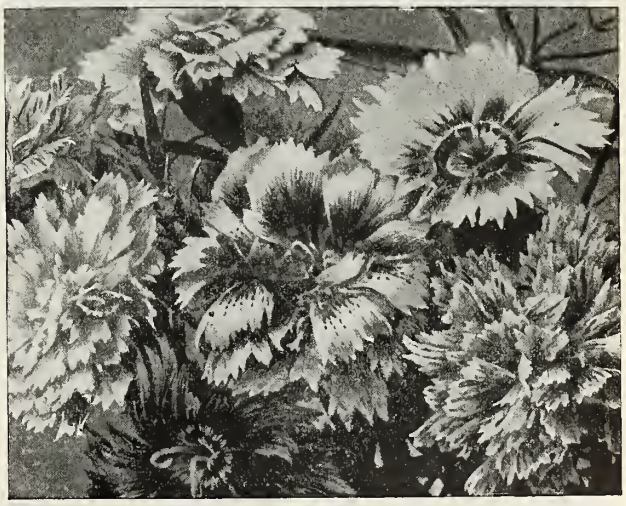
	Pkt.
Fringed. The deep fringing gives an effect of richness and elegance.	10
Heddewigii. Large flowers in a variety of brilliant colors	10
Single Mixed Annual Varieties, ¼ oz., 30 cents	5

Carnation Pinks (For Plants see page 87)

The various kinds of Carnation Pinks are all closely related to the greenhouse varieties of Carnations. All are deliciously fragrant, and all have the same narrow, grass-like foliage. All are hardy or half hardy perennials. Finest of the Dianthus group.

	Pkt.
Marguerite. Like the winter blooming Carnations, but bloom the first year from seed. A great variety of beautiful shades and fragrant double flowers. Seeds should be sown inside to give longer season of bloom. Plants can be taken up in pots for winter blooming.	
Pure White, Yellow, and Mixed Colors, each	10
Giant Flowering Marguerite. An extra large-flowering strain of Marguerites. Stronger plants and equally early. Mixed Colors	15
Dianthus plumarius. Pheasant's Eye, Grass Pink, or June Pink. Fine for massing. Closely related to the Carnation but smaller flowers and more hardy. Flowers beautiful and fragrant.	
Single Mixed, one-quarter ounce, 25 cents	10
Double Mixed. (Grass Pink, or June Pink)	10

	Pkt.
Cyclops Pinks. Scotch Pink. Very hardy. Beautiful single flowers with large eye of velvety blood red. Has a sweet clove-like perfume.	10
Semperflorens. Florists' Perpetual Pink. Very sweet-scented, double and single flowers. Great diversity of colors.	25
Early Dwar Vienna. Beautiful double Carnations with delightful clove fragrance blooming profusely early the second summer. It is better to renew the plants each year. Mixed	15
German Mixed. Extra double flowering	15
Extra Choice Everblooming. Double flowers in a great variety of colors. Extra fine.	20



SINGLE AND DOUBLE GARDEN PINKS

Vick's Extra Early Flowering Cosmos is one of the most beautiful, showy and desirable annual plants for the flower garden

DELPHINIUM or LARKSPUR, Annual

(For perennials see pages 68 and 72)

These beautiful annuals bloom very freely and produce large spikes of long-keeping flowers, white, pink, rose, light blue, dark blue, and violet. In some varieties the flowers are double, in others single. The beautiful plume-like foliage is very ornamental, and the whole series are excellent for bouquets and table decorations. They prefer a cool soil and season. Sow seed in fall, or early in spring. The branching varieties grow two feet high, and should stand eighteen inches apart. The Rockets should be thinned to five or six inches apart. Pkt.

Double Dwarf Rocket. One foot in height. Mixed Colors. ½ oz., 25 cts.; oz., 40 cts. . . 10
Double Tall Rocket. Large plant; very showy. Two feet high. Mixed Colors. ½ oz., 30 cts. 10
Hyacinth Flowered. New. See plate inside back cover. 10
Stock-Flowered. Double. Branching. Fine for cutting. Two feet high. Mixed Colors . . 10
Emperor. Our own special strain grown and developed on our own farms. Of compact form. A brilliant assortment of colors. Two feet high. Mixed Colors. ¼ oz., 25 cts.; ½ oz., 40 cts. 10

DIDISCUS - Blue Lace Flower

Here is a wonderfully beautiful flower which is growing in popularity rapidly. Everyone who sees it is charmed by its beauty. Attracts most attention in contrast with other beautiful flowers, thereby enhancing the beauty of them all. The umbrella shaped sky blue flowers, often two or three inches in diameter, are borne on slender stems two feet or more in height. Blue Lace Flower, blooming from July till frost, makes an attractive border or group in the garden, and also makes an excellent cut flower, keeping a long time in water. See picture below, and in colors opposite page 65.

Packet, 15 cents

GAILLARDIA, Annual

(See also pages 68 and 73)

The Annual Gaillardia combines the grace and beauty of the Perennial Blanket Flower in Picta, with Aura Bicolor a beautiful cluster or head of rich brown tubular flowers tipped with gold, two to three inches across, fine for cutting and last long in water. Set plants 12 inches apart. Half Hardy 18 to 20 inches high. Pkt.

Picta Lorenziana. Fine double. Flowers two inches in diameter. ounce, 45 cents . . . 15
Mixed Single Annual Varieties. ounce, 25 cents 10

HELIOTROPE

This class of plants is one of the finest for cutting, as the delicious fragrance of all the varieties is very durable. Seed sown early in the spring in the house will make fine plants for summer bedding.
New Hybrids. A splendid strain of giant flowering. Choicest Mixed Colors . . . . . Pkt. 10

HYACINTH BEANS or Dolichos

Dolichos lablab. A beautiful climbing plant of quick growth; the foliage is handsome, and the clustered spikes of purple flowers are borne in great profusion. The shining purple seed pods are also very ornamental. Six to eight feet high. . . . . ½ oz., 25 cts . . Pkt. 10
New Japan. Bears pure white flowers and waxy white seed-pods. 10
Mixed 10

IPOMOEA, Moon Flower

(For plants see page 89)

The Ipomœas are climbers of rapid growth. If planted in rich soil in a sunny location and given plenty of water will grow to a height of 6 to 7 feet during a single summer, and will bear immense fragrant flowers of glistening white 7 to 8 inches across. The flowers open at sunset. Pkt.

Bona Nox. Good Night or Evening Glory, Moon Flower. Flowers large, white. ¼ oz., 20c. 10
Giant Pink Hybrid. The soft lilac-pink flowers are produced abundantly all summer and fall. 10
For other varieties of Ipomœa, see Cypress Vine p. 49, Morning Glory p. 54. Cardinal Climber p. 51

LARKSPUR—DELPHINIUM

DIDISCUS - BLUE LACE FLOWER

EUPHORBIA

Strong-growing, very ornamental foliage plants of easy culture, suitable for beds of tall plants or mixed borders. 2 to 3 feet.
Variegata - Snow on the Mountain. Very showy foliage of green bordered with white. Topmost leaves almost entirely white. Pkt. 10 cts.
Heterophylla - Fire on the Mountain. Sometimes called Annual Poinsettia because of the cluster of vivid red leaves that appear at the ends of each branch. The rest of the foliage is dark glossy green. Pkt. 15 cts.

GODETIA

Showy garden annuals of compact growth about 1 foot high with numerous bright flowers of various shades of pink and white, scarlet and lavender that glisten in the sunlight like satin. Finest mixed varieties Pkt. 10 cts.

GOURDS

The Gourds are prized for their rapid growth and their odd-shaped and highly colored fruits. They are useful for covering arbors, old fences, stumps, etc. The fruits, when allowed to ripen, can be kept for years. Pkt.

African Pipe Gourd. Very popular for making pipes. 10
Dish-rag, or Sponge. (Chinese Luffa.) When ripe the inside resembles fibrous cloth which can be used as a sponge 10
Balsam Pear has ornamental foliage. When ripe the golden yellow fruit opens, displaying the carmine interior. 10
Calabash. The old-fashioned dipper gourd 10
Knob Kerrie. Bears a long, slender-stemmed fruit with a ball-like knob on its end. . . 10
Nest Egg. White, perfect egg shape 10
Wild Cucumber. Echinocystis lobata. A fast-growing climber running 30 feet in season. White fragrant flowers, prickly seed pods. 10
Hercules' Club. Strong-growing climber bearing fruit of great length. 10
Mixed Varieties. Contains a great variety of curious forms in addition to the kinds named above. 5

GYPSOPHILA

(For Perennials see pages 69 and 73.)

The delicate, mist-like sprays of the Gypsophila are invaluable for bouquets. They serve to lighten the effect of masses of other flowers, and are especially useful with Sweet Peas and other flowers that cannot readily be cut with their own foliage. Hardy annuals.
Elegans, white. Blooms profusely. Very easily grown. . . . ¼ ounce, 20 cts. Pkt. 10
Elegans, carmine, Delightful deep rose. . . . . ¼ ounce, 25 cts. 10

The New Hyacinth Flowered and Stock Flowered Annual Delphinium or Larkspur shown in color on inside back cover.

VICK'S MARIGOLDS (TAGETES)

AFRICAN MARIGOLD—PRIDE OF THE GARDEN

The African and French Marigolds are valuable for their flowers in late summer and autumn and can be grown to advantage in little clumps, with other plants, in the front of shrubbery or in the garden border. The African varieties are the taller in growth, and produce large self-colored blossoms. The French varieties are smaller, some of them being elegantly striped and spotted. The dwarf-growing kinds make extremely handsome borders, being neat compact plants, and remaining in full bloom until killed by frost. Seeds can be sown in the open border, or earlier, in a coldframe, and the young plants transplanted late in the spring to where they are to remain. They succeed best in a light soil, with full exposure to the sun. Annual.

AFRICAN MARIGOLDS

Pride of the Garden. The immense flowers of this grand variety are densely double, and of a beautiful golden yellow color. A notable feature is the compact, dwarf habit of the plant, which forms dense bushes fifteen to eighteen inches high and two feet across. ¼ ounce, 50 cents . . . . . Pkt 10

Prince of Orange. Flowers very large, ten to fourteen inches in circumference, extremely double and quilled like a Dahlia; golden yellow. Plants 3 feet high. ¼ oz., 50 cts . . . 10

Lemon Queen. Large lemon-colored flowers, fine for cutting 10

Mixed Varieties. ¼ Ounce 25 cents 5

FRENCH MARIGOLDS

Gold Margin. Double. Flowers velvety maroon, margined with gold. Plant only eight inches high, bushy, compact, and free-flowering. ¼ ounce, 35 cents 10

Dwarf Gold Striped. Double rich brown, striped golden yellow, ¼ oz. 35 cents 10

Dwarf Marigold Little Brownie or Legion of Honor. A charming single-flowered plant, about six inches high. Very effecive in masses or borders. Begins flowering extremely early, commencing in June. Color a brilliant gold, blotched with maroon 10

Signata pumila. Sunshine Marigold. One of the most beautiful plants for fall color, about eighteen inches high, very bushy habit, and each slender branch, which press close to the main stem, crowned by a delicate golden flower with orange center forming a dense globular mass. Charming in a border or alone. ¼ ounce, 50 cents 10

Dwarf Double Varieties Mixed. ¼ ounce, 25 cents 5

Tall Varieties Mixed. ¼ ounce, 20 cents 5

FOUR O'CLOCK or MARVEL OF PERU

The flowers of this old-time favorite open about four o'clock in the afternoon and fade the next morning. Two feet high, with bright foliage and fragrant flowers of desirable colors. Set plants two feet apart. Makes a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired. The roots may be taken up in the autumn and preserved through the winter for spring planting, in the same manner as Dahlias. **Marvel of Peru. Mixed Colors.** ½ Oz. 20 cts. . . . . Pkt 5

ICE PLANT

Mesembryanthemum crystallinum. A most interesting plant, with delicate, succulent almost transparent branches and leaves. Of drooping habit, adapted to baskets, vase work and rockeries. Prized for its singular foliage, which looks as though covered with particles of ice . . . . . Pkt 10

JAPANESE HOP

A splendid annual climber, rapidly covering arbors, walls, trellises, etc. The foliage resembles that of the common Hop, but is much more dense. Seed sown in the open ground in spring will produce large plants in a short time Withstands heat, drought, and insects.

Japanese Hop . . . . . Pkt 10

Variegated Japanese Hop. Leaves green and white variegated . . . 10

LINUM or FLAX

Scarlet Flax. Brilliant crimson flowers, an inch or more across, and a continuous bloomer. Annual. Grows 1½ to 2 feet high. . . . . Pkt 10

Perennial Blue 10

LOBELIA (See also page 69 and 73)

Exceedingly useful plants for edging flower beds, their free-blooming qualities and brilliant shades of blue and white making a pleasing contrast to the masses of reds and yellows so prevalent in bedding. They are splendid for hanging baskets, pot culture, etc. All are annuals except Lobelia cardinalis, which is a hardy perennial. Pkt

Cardinalis. Perennial; Native Cardinal Flower. Spikes of brilliant scarlet. Blooms the first year if well started indoors. The flowers are said to be the most brilliant scarlet tint that occurs in nature. 35

Barnard's Perpetual. Flowers a brilliant blue, white eye 10

Crystal Palace compacta. Dark blue. For borders and bedding . . . 10

Emperor William. Light blue; compact; very fine 10

Erinus (gracilis). Blue. Fine for baskets or trailing purposes 10

Mixed Varieties, for baskets, etc., ... 5

NICOTIANA

Affinis. One of the best Nicotianas we have ever grown. The plant attains the height of three feet, and is covered with deliciously-scented, large, white flowers that open in their full glory in the evening and early morning. Easily grown from seed, and cuttings rooted in September will bloom freely in the winter. ¼ ounce, 25 cents . . . . . Pkt 10

Sanderæ. The whole plant, from base to summit, is laden with flowers of an intensely glowing rosy carmine color, making it incomparably beautiful and charming. Easily grown. . . . . ¼ oz.. 35 cents. 10

MAURANDYA

Graceful, free-blooming climbers, six to ten feet tall. For outdoor culture, also useful for baskets, vases, etc.

Finest mixture of white, rose, purple and blue. . . . . . Pkt. 10

KOCHIA, (Summer Cypress)

Tricophylla. A very attractive and popular foliage or hedge plant. It grows about three feet high, with many slender branches pressed close to the main stem, and resembles a small, closely-sheared evergreen, the slender foliage being a delicate light green. In September, the whole plant becomes a solid mass of crimson thereby earning the name Firebush. ½ oz., 20c. Pkt. 10

Christmas Kochia, New. The finest and most improved form of Kochia yet produced, with feathery drooping foliage of delicate green and of wonderfully symmetrical form, far superior to older types. . . . ½ oz., 25 cents. Pkt. 10

CHRISTMAS KOCHIA GROWING FOR SEED ON OUR ORCHARD FARM

Kochia makes a very attractive hedge, a beautiful delicate green all summer changing in the fall to a blaze of red

MIGNONETTE—MACHET PERFECTION

MIGNONETTE

BY its sweet yet delicate odor the Mignonette has, for many years, endeared itself to every true lover of flowers. Fragrant as the violet, constantly in bloom, and easily grown, the modest Mignonette is found not only in the greenhouse of the millionaire, but in many a lowly garden and window box. Seed sown early in the garden will give flowers all through the summer and fall. The finest spikes of bloom are produced during cool, moist weather. For winter blooming, seed is usually sown in pots and brought on in succession, keeping the growing plants in a cool room.

	Pkt.
Sweet, (Reseda odorata grandiflora.) A well-known fragrant plant. ½ oz., 20 cts.	5
Grandiflora ameliorata. A large variety, with reddish tinge to the flowers.	10
Giant Pyramidal. A mammoth variety. One-quarter oz., 25 cts.	10
Golden Queen. A very fine and distinct variety, with flowers of a golden hue. One-quarter ounce, 20 cents.	10
Golden Goliath. New this year. Bright Golden without red tint.	15
Machet Perfection. Plant dwarf and vigorous of good habit, producing large spikes of very sweet-scented flowers. Fine for cutting. One-quarter oz., 35 cts.	10
Allen's Defiance. Spikes from twelve to fifteen inches long, deliciously fragrant. Spikes have been kept three weeks after cutting, retaining the fragrance till every bud opened. One-quarter ounce, 35 cents;	10
Goliath. The plants are compact in habit, with rich, green foliage, and the immense trusses of highly-scented red flowers are borne on erect, strong, stiff stalks. It is especially suited to house culture. One-quarter ounce, 40 cents.	10
Large-Flowering. Very large, true pyramidal shape. Reddish-colored flowers, borne on strong stems, well above the dark green, slightly crumpled foliage.	10
White Pearl. White; strongly scented. One quarter ounce, 50 cents	15

VICK'S SPECIAL COLLECTION. Any three 10-cent packets for 25 cents.

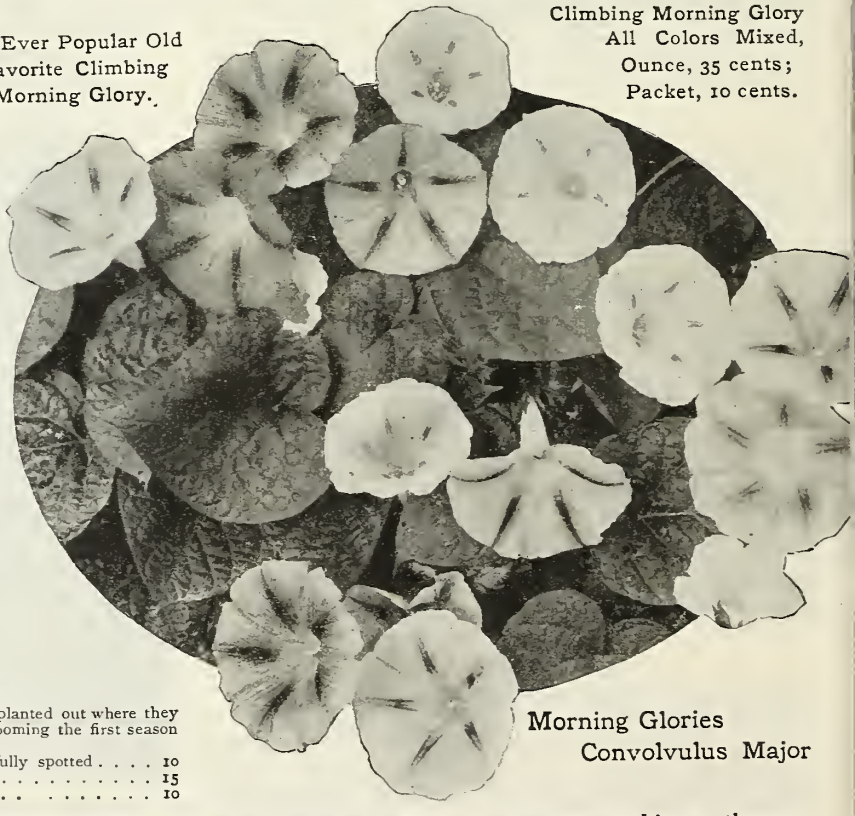
MORNING GLORIES

Convolvulus Major

WHO does not love the Morning Glory? It has long been a favorite for shading porches, covering screens and similar purposes. It is one of the most free-flowering and rapidly growing plants in cultivation. The foliage is a dark green, and the freshness and delicacy of the flowers fully make up for their fugitive character. The prevailing colors are shades of blue, but there are other colors, ranging from white to dark red, and some of the flowers are striped. The seeds germinate so readily that they can be grown in the garden wherever the plants are needed, and almost at any time.

The Ever Popular Old Favorite Climbing Morning Glory.

Climbing Morning Glory All Colors Mixed, Ounce, 35 cents; Packet, 10 cents.



Morning Glories Convolvulus Major

Rochester Morning Glory

A distinct species with extra large beautiful flowers and strong growing vines. Flowers four to five inches across, deep violet-blue in the throat, blending out to an azure-blue, bordered with a wide white band around the edge. Very free flowering. Pkt. 15 cents.

Imperial Japanese. Our own Special Strain. The exquisite beauty of the Japanese Morning Glories, with their innumerable markings and shadings of brilliant colors, commands the admiration of all flower lovers. The flowers are four to six inches across and the vines are strong and robust. The leaves are prettily lobed and some of them are beautifully mottled with creamy buff. Oz., 50 cents; Pkt. 10 cents.

Brazilian. Ipomœa setosa. Very leafy, strong growing species, with rose colored flowers three to four inches in diameter, and leaves eight to ten inches across. Large seed pods and hairy stems. Unusually ornamental and interesting. Pkt. 10 cents.

Dwarf Morning Glories. Flowers Remain Open All Day. The handsome azure blue flowers have a bright yellow throat distinctly bordered with white. Easily grown, and the neat foliage and brilliantly colored flowers make it one of the best trailing plants in cultivation. Pkt. 10 cents.

MIMULUS

The Mimulus, or Monkey Flowers (named from the resemblance of the corolla to a mask or face), are beautiful tender plants with almost transparent branches. Fine for baskets, vases, and house culture, and do well planted out where they will be somewhat shaded. Half-hardy perennials, blooming the first season if sown early.

Hybridus tigrinus grandiflorus. Flowers beautifully spotted	10
Moschatus. Musk Plant	15
All sorts mixed	10

The delicious fragrance of the Mignonette adds a subtle, distinctive charm to the flower garden procured in no other way

NASTURTIUM

Everyone knows and admires the Nasturtium. Its varied and brilliant colors, its refreshing fragrance, making it so desirable for table decorations, its habit of continuous blooming, and the ease with which it is grown, all combine to place the Nasturtium in the list of flowers that are really indispensable. Few people realize how much more effective the use of named varieties is than the mixtures. Where space permits, by all means select certain named sorts for particular locations so as to secure uniform foliage, blossoms and color effect.

CLIMBING NASTURTIUMS

Any of the following Named Varieties, large packet, 10 cents; oz., 35 cts.; ¼ lb., 70 cents.

Atropurpureum. Dark crimson.
Dark Orange. (Sunlight.)
Edward Otto. Bronze, silky.
Jupiter. Large Golden Yellow.
Prince Henry. Light yellow, marbled with scarlet.
Regelianum. Dark, crimson.
Schulzii. Brilliant scarlet. Dark leaved.
Schillingi. Bright yellow spotted with brown or maroon.
Vesuvius. Brilliant salmon-rose dark-leaved.

Extra Choice Mixed. From named sorts, ¼ pound, 60 cents ounce, 25 cents, large packet, 10 cents.

Mixed Varieties. Pound $1.00; ¼ pound, 40 cents; ounce, 15 cents, packet, 5 cents.

VARIEGATED-LEAVED NASTURTIUMS

A new race of Nasturtiums in which the foliage is beautifully variegated with white, green and golden. The strikingly marked leaves make a charming contrast with the brilliantly colored flowers. Pkt.

Dwarf Variegated-Leaved. Mixed Colors, ounce, 35 cents 10
Climbing Variegated-Leaved Mixed Colors, ounce, 35 cents . . 10

IVY-LEAVED NASTURTIUMS

The beautiful foliage of this distinct, new class of Climbing Nasturtiums closely resembles that of the old English Ivy, the thick angular leaves having a very dark glossy green color. The petals of the flowers, which do not overlap as do those of the other classes, are prettily fringed. The brilliant colors of the flowers make a striking contrast with the dark leaves.

Pkt

Climbing, ivy-leaved varieties, ... Mixed colors 10
Dwarf, ivy-leaved varieties . . . . . Mixed colors 10
Either of above, per ounce, 30 cents.

HYBRIDS of MADAM GUNTHER

An attractive variety of Climbing Nasturtium.

A strain of French origin, most remarkable for the wide range of exquisite colors and beautiful markings. They are strong growers, climbing five to seven feet, with rich dark foliage. Fine for porches, vases or trailing on the ground.
Extra choice mixture, Ounce, 30 cents . . . . . Pkt 10

DWARF NASTURTIUMS

Any of the following Named Varieties, large packet, 10 cents; oz., 35 cts.; ¼ lb., 70 cents.

Aurora. Salmon-rose, mottled and veined.
Beauty. Orange and vermilion.
Bronze. Beautiful coppery bronze.
Dark Crimson.
Empress of India. Dark leaves, and very dark crimson flowers.
Golden King. Golden yellow flowers. Very fine.
King Theodore. Darkest of all.
King of Tom Thumbs. Leaves bluish green, flowers brilliant scarlet.
Lady Bird. Golden yellow, flamed crimson.
Pearl. Light cream, or amber white.
Prince Henry. Light yellow, marbled scarlet.
Rose. Rose, tinted with salmon. Scarlet striped.
Spotted King. Rich orange, maroon spots.

Extra Choice Mixed. From named sorts, ¼ pound; 60 cents ounce, 25 cents, large packet, 10 cents.

Mixed Varieties. Pound, $1.00; ¼ pound, 40 cents; ounce, 15 cents; packet, 5 cents.

CANARY BIRD FLOWER

Tropæolum peregrinum. The Canary Bird Flower is one of the finest of the climbing Nasturtiums. The leaves are prettily lobed and the curious, clear yellow flowers bear a fancied resemblance to a canary, with expanded wings. It is a real vine clinging to almost anything without special care.
Ounce, 60 cents . . . . . Pkt 10

NEMOPHILA

Baby-Eyes. Love-in-the-Grove. A charming little annual plant, thriving especially well in moist, shady places, but quite at home in the open garden. The pretty, bell shaped flowers, in shades of blue, and variously marked, are freely produced all summer. Plants eight inches in heigbt; of neat, bushy habit. Mixed Varieties, ¼ ounce. 15 cents. . . . . Pkt 10

NIGELLA

Love-in-a-Mist, Devil-in-a-Bush and **Fennel Flower** are names given to this pretty, interesting and easily grown annual. This beautiful, unique and little known plant makes a showy and attractive border or mixes well with other Blue or Pink flowers for bedding. The delicate Blue-White flowers surrounded by a feathery mass of foliage suggests "Love-in-a-Mist," and the red crown-shaped horn tipped seed pods suggest "Devil-in-a-Bush." Fine for cutting. Twelve to fifteen inches. Mixed Colors. Oz., 30c. Pkt. 10

Make your selection of Nasturtiums from the splendid list of varieties we show above. The results will delight you.

VICK'S GIANT FLOWERING PANSIES

The well-loved and always satisfactory Pansy is easily grown. Seed sown in the open ground in May or June will bloom profusely in the late summer and fall, producing even larger and finer flowers as the plants develop, and if partially protected, will endure severe winters and greet you in the early spring with their bright blossoms.

GIANT SUPERB MIXTURE

We offer this mixture of Giant Flowering Pansies to our customers with pride. It is composed of most carefully selected varieties of the choicest Pansies of our own wonderful strain and the finest of the new kinds introduced by the leading European and American Pansy specialists. The flowers are uniformly of the largest size, colors striking in their brilliancy, and yet retaining all the delicate shades, hues and pencilings that have made the Pansy one of our most favored flowers. Our aim is to keep Vick's Superb Mixture at the very top of all mixtures and to make it absolutely unapproachable in quality. A few of the many colors are shown on inside front cover.

1-32 oz., 75 cents; packet, 50 cents.

GIANT TRIMARDEAU MIXTURE

A wonderful mixture of extra large flowering pansies conspicious for different shades of yellow and bronze. One-eighth ounce, 50 cts.; packet, 15 cts.

PEERLESS MIXTURE

Comprises the choicest of the standard large-flowering sorts, including many of the rare and expensive varieties, such as Bugnot, Odier, Cassier and Trimardeau types. Especially selected for size, perfect form, freedom and durability of bloom and gorgeous colorings.

One-eighth ounce, 90 cents; packet, 25 cents.

MASTERPIECE MIXTURE

A mixture of the finest of a remarkable type of Giant Flowering Pansies, the petals being beautifully waved or frilled. These extremely beautiful flowers come in a wide variety of colors, ranging from white to the deepest maroon or black, creamy yellow to orange, dainty rose to brilliant crimson.

One-eighth ounce, $1.00; packet, 30 cents.

MASTODON MIXTURE

A new extra choice strain of American grown Pansies of enormous size. Positively the largest Pansies we have ever seen. A wide range of colors in wonderful combinations. One-eighth ounce, $1.50; packet, 40 cents.

BLOTCHED VARIETIES (Bugnots)

Another splendid mixture of superb blotched varieties in a fine assortment of colors. In our trial grounds this year this mixture caused much favorable comment. One-eight ounce, $1.00; packet, 30 cents.

GIANT FLOWERING PANSIES

In this vigorous and free blooming class of Pansies we offer a wide range of high class named varieties which will be recognized as the best in their color by every florist and floral expert. A packet each of several of these kinds, if grown in adjoining separate groups, will give you a new and finer appreciation of Pansies.

	Pkt.
Adonis. Beautiful light blue	10
Fire King. Golden yellow, upper petals purple. Showy	10
Goldelse. Large. Best of the pure yellows	10
King of the Blacks. Almost jet black. Extra fine large-flowering	10
Lord Beaconsfield. Top pale lavender, shading to purple violet on lower petals. Very large and exquisitely marked and destincrive	10
Madam Perret. Petals frilled. Dark wine, pink, and red shades beautifully veined, all with white margin	10
Prince Henry. An extra fine variety. The largest dark purple. A flower of unusual beauty	10
Prince Bismarck. Beautiful shades of golden bronze. The largest and finest of the bronze Pansies	10
Emperor William. Ultramarine-blue, with violet purple eyes. Very pleasing shades	10
Ruby King. Superb red shades. One of the best for bedding	10
Snowflake. Extra fine pure white	10
White With purple eye	10
Yellow, with Black Eye Extra large. A splendid bedding variety.	10

Any of the above-named Varieties, 1-16 ounce, 40 cents.

St. Knud. Marvelous beautiful shade of orange, distinct from all other Pansy colors	20

Any 6 pkts. of the above varieties except St. Knud 50c; all 14 for $1.25.

Giant Flowering Mixed, ⅛ oz., 50 cents	10

ORCHID FLOWERED VARIETIES

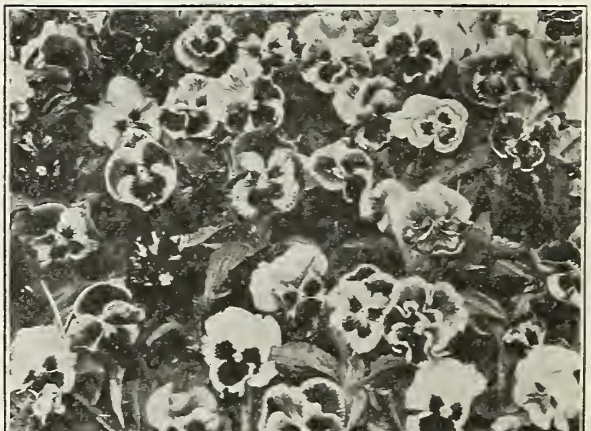
In the Orchid-Flowered Pansies we have some rare and exquisitely dainty shades. The unusual combinations of color tones suggest the delicate tropical colors of the aristocratic Orchid, in rare and delicate shades.

	Pkt.
Almond-flower. Delicate soft pink. A pleasing color in Pansies	15
Daybreak. Vermillion and gold chamois, red shaded	15
Sunlight. Brilliant yellow, with large red-brown spots	15

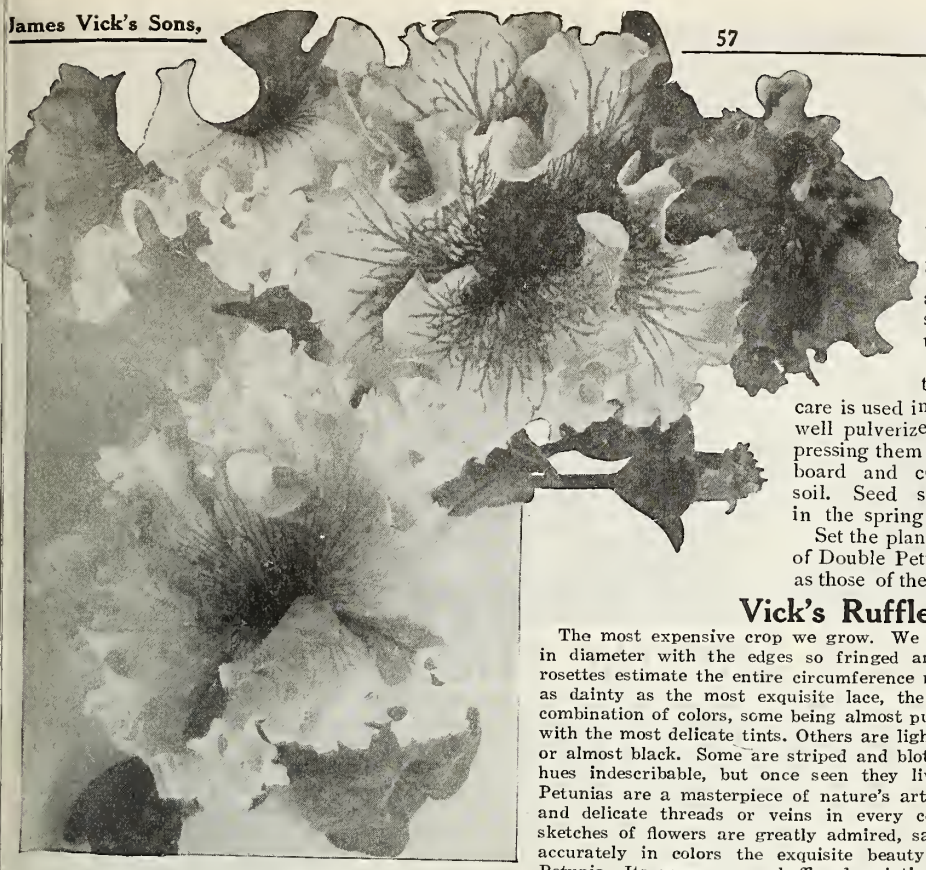
Mixed Colors. 1-16 ounce, 50 cents; packet 10 cents.

PANSY VIOLET, Tufted Pansy

The Pansy Violet, or Everlasting Pansy, is a charming flower for the hardy border, combining the beauty, fragrance and free blooming habit of the Pansy with the hardy perennial character of the Viola cornuta, or "Horned Violet" of Europe. The plants do not "run out" like those of the ordinary Pansy, and may be left year after year in the same bed. The flowers, which are really medium sized Pansies, are produced in the greatest profusion the whole season, the plants enduring the heat of midsummer much better than those of the true Pansy. ⅛ oz., 35 cts. Pkt. 10



A special leaflet on Pansy culture will be sent with any order for Pansies if asked for on the order.



VICK'S RUFFLED PETUNIAS

Vick's Petunias

NO bedding plants make a more pleasing display than Petunias. The distinct colors and marking make a brilliant show. The plants make a strong growth and bloom profusely until after hard frosts.

Petunia seed will germinate with little difficulty if a reasonable amount of care is used in sowing. First, be sure that the soil is well pulverized; then sow the seeds on the surface, pressing them into the soil by using a small, smooth board and cover very lightly with sand or fine soil. Seed sown in a hotbed or the house early in the spring will produce flowering plants in June.

Set the plants about eighteen inches apart. Seeds of Double Petunias do not possess as much vitality as those of the Single, neither will all come double.

Vick's Ruffled Petunias

The most expensive crop we grow. We have had numerous flowers five inches in diameter with the edges so fringed and ruffled that experts in flowers and rosettes estimate the entire circumference more than three feet. With their edges as dainty as the most exquisite lace, the flowers show a marvelously beautiful combination of colors, some being almost pure white, veined or threaded in the bell with the most delicate tints. Others are light pink, lavender, yellow, bronze, purple or almost black. Some are striped and blotched and veined in deep rich, gorgeous hues indescribable, but once seen they live in memory forever. Vick's Ruffled Petunias are a masterpiece of nature's art. After studying the brilliant coloring and delicate threads or veins in every conceivable hue, an artist whose color sketches of flowers are greatly admired, says: "No human being can ever depict accurately in colors the exquisite beauty and intricate detail of your Ruffled Petunia. Its gorgeousness baffles description." **Packet, 25 cents.**

Giants of California. This strain, originating in California, is of incomparable size, luxuriance, and beauty. Nearly all the flowers are ruffled or fringed, and measure from four to five inches across. The great variety of colors, blotchings, stripings and veinings make fantastic and beautiful combinations—some with deep throats of yellow, white, black, green, or maroon, running off into intricate veins. Some of the colors run to delicate shades, while others are deep, rich, gorgeous. Pkt

Mixed colors 25

Large Flowering Single, Fringed. Magnificent large flowers of various colors The large throats richly veined. Mixed colors 20

Double Large Flowered. Mixed colors 25

Double Large Flowered, Fringed. Extra choice varieties mixed . . 50

Plants of Vick's Ruffled Petunias offered on page 89.

Single-Flowered Bedding Petunias

Bedding varieties are unsurpassed for massing. They will make a most showy bed, giving a profusion of flowers from early summer until severe frost.

Blotched and Striped, very symmetrically marked . . . . . Pkt 10

Countess of Ellsmere. Dark rose, with fine white throat 10

General Dodds. Beautiful dark red. 10

Rosy Morn. Dainty soft carmine-pink; white throat; fine for border . 10

Snowball. Satiny-white flowers; blooms throughout the season 10

Howard's Star. A fine Rosy Crimson with distinctly marked five-pointed star of blush white 10

Rose of Heaven. Same size and shape as Rosy Morn but color is a rich brilliant rose 10

Single Flowered Bedding. Extra Choice Mixed. Superb strain. . 10

NEW BALCONY PETUNIAS

For vases, window boxes, large beds, etc., where a mass of color is desired throughout the season, nothing excels the Petunia. The Balcony type is especially adapted for this purpose as it is of a semi-trailing habit and will climb if given support. The flowers are of large size, averaging three inches across and are borne in unending profusion from early summer until hard frosts. The flowers, especially the dark colors, have a wonderful velvety texture which is very attractive. We offer the following four splendid colors.

	Pkt.
Balcony Deep Blue. A rich velvety indigo blue deepening to royal purple	.20
Balcony Rose. Brilliant rose pink with characteristic velvety texture	.20
Balcony Red. A very rich, deep velvety crimson	.20
Balcony White. Pure snow white	.20
Balcony Mixed. A splendid mixture of all colors	.15

"Your Petunias are perfectly beautiful. I wish you could have seen some I grew from your seed."

Mrs. E. S. Terwilliger

For sweet simplicity, Single-Flowered Bedding Petunias—for gorgeous beauty and exquisite detail, Vick's Ruffled Petunias

VICK'S ANNUAL PHLOX (For Perennial Phlox See page 75.)

PHLOX DRUMMONDI, Pride of Texas, of which state it is a native, is one of the most brilliant of Annual flowers. It is rapidly increasing in popularity because of its ease of cultivation and its willingness to grow under almost all soil and climatic conditions. It flourishes in any place where few other flowers would grow, such as stony dry, sandy soil, on a gravelly bank or foot of stone wall and other waste places. Many otherwise vacant spots can be made brilliant with a riot of color all summer. The plants begin to bloom just as soon as they are a few weeks old and as they develop in size, the blossoms increase in number until in August and September, they are a solid mass of brilliant color. Our mixture will provide a superb and dazzling combination containing a large number of distinct varieties including a sprinkling of such famous varieties as Black Warrior, Isabellina and Splendens. For the slight cost of the seed and care of plants, few other annuals will give greater returns in pleasure and satisfaction than PHLOX DRUMMONDI. The seed may be sown where the plants are to grow as early in the spring as the ground can be worked or the young plants may be started in the house and transplanted later.

Phlox Drummondii Grandiflora

The flowers of this class have round petals and larger flowers than the old sorts. The following varieties are considered by experts to be the choicest of the named sorts:

White, soft pure white.
Chamois Rose. Salmon pink.
Brilliant. Deep pink, shading lighter at the edge of the petals.
Splendens. A soft shade of scarlet, between scarlet and carmine
Black Warrior. Rich, deep red, almost purple.
Crimson with white eye.
Rosea. Light rose.
Rose, with white center.
Isabellina. Pale primrose yellow.
Splendens. Scarlet, white center.

Price: Any of the above varieties, per packet, 15 cents.
Choice Mixture Grandiflora Phlox. ¼ oz.. 50 cents. . . . . Pkt. 10

Vick's Dwarf Phlox

Dwarf annual Phlox is very desirable for edgings and ribbon beds and useful for pot culture. Plants grow six to eight inches in height, forming dense masses of bloom all summer. Of the many varieties the following are the best:

Fireball. Bright scarlet . Pkt. 15
Snowball. Pure white 15
Vermillion. White center. Pkt. 15
Best Varieties Mixed 10

Vick's Star Phlox

A decidedly unique variety. While the petals of all other Phloxes are entire, in this variety they are partly fringed and partly toothed; the central teeth of the petals are five or six times as long as the lateral ones, and project like little spines, giving the flowers a regular star-like form. The beauty of the flower is enhanced by a white margin which borders the edges of the petals. There are many distinct colors. **Best Varieties Mixed.** . Pkt 10

PERILLA

Nankinensis. An elegant dark leaved bedding plant, easily grown from seed and not as sensitive to cold as the Coleus. The foliage is a very dark, rich, bronzy purple. Plants grow about eighteen inches in height. . Pkt 10

SENSITIVE PLANT

Mimosa pudica. The Sensitive Plant affords a good deal of amusement, on account of its sensitive leaves, which close up when touched. Sow outside after settled warm weather, or sow inside and transplant.. . . . . Pkt 10

RICINUS. Castor Oil Plant

A Showy Ornamental Foliage Plant for Bedding

In the center of a bed it gives a magnificent semi-tropical appearance; or planted thick, it makes a fine screen or hedge. Plant seeds in open, very rich deep-spaded ground, in a dry situation, as soon as safe in spring. Pkt.

Borboniensis. Very beautiful large green leaves. One of the tallest. 10
Crimson Spire. New. The reddest and finest of all. 15
Cambodgensis. The finest dark-foliaged Ricinus. Leaves maroon; stem nearly black; fruit bronzy purple. Five feet. Ounce, 40 cents . 10
Zanzibarensis. The gigantic leaves, two to two and one-half feet across, and the great size of the plant, surpass any other known Ricinus. The luxuriant tropical effect when planted singly or in masses is matchless. Ounce, 30 cents 10
Vick's Fine Mixture of best varieties. Ounce, 30 cents 10

SCHIZANTHUS (Poor Mans Orchid)

The Schizanthus is a beautiful half hardy annual, of very graceful habit. The flowers are butterfly-shaped, of rich and varied colors, and completely cover the plant. About two feet high. **Best Varieties Mixed.** 10

Schizanthus Wisetonensis. As a pot plant this has hardly a superior. It is literally covered with small orchid-like flowers and remains in bloom from four to six weeks 20

PRIMULA or PRIMROSE (See also pp. 70, and 89)

Primroses are considered among the best and most showy of plants for winter blooming in the house. Seed sown in March, April or May will make fine specimen plants, beginning to bloom in the fall and continuing throughout the winter. Pkt.

Primula Forbesii. Baby Primrose. Fine for the house, needing little care 25
Primula Malacoides. Plant and flowers similar to Primula Forbesii, but larger. Flowers delicate lilac. 25
Primula obconica grandiflora. Splendid house plant. Blooms profusely. Mixed Varieties 20
Primula Sinensis. Chinese Primrose. Tender. Everblooming. Choicest fringed varieties. Mixed 25

Annual Phlox commences to bloom early and continues with its brilliant display all summer.

VICK'S ANNUAL POPPIES

Poppies have a distinctive charm supplied by no other flower and deserve a place in every annual garden. Their gracefully nodding flowers and brilliant hues make them very attractive in almost any setting.

Vick's Double Flowering Varieties

Ounce, 50 cents; one-quarter ounce, 20 cents, except where noted

Peony-flowered. A splendid class of large double flowers, with broad petals, resembling a Peony. The colors range from white to pink, carmine, scarlet, crimson, and maroon. A fine mixture of colors. . . . . Pkt 10

See illustration in color opposite page 65.

Carnation-flowered, or Double Fringed. Splendid large double flowers, A fine mixture of colors. . . . . Pkt 10

See illustration in color opposite page 65.

Vick's Brilliant. Tall double Poppies. A superior selection made up of the best colors and varieties. Selected with great care to produce the most brilliant effect. Of strong, robust growth, two to three feet high. A fine mixture of colors. . . . . Pkt 10

Mikado. Large double flowers, resembling Japanese Chrysanthemums; petals cut and fringed in the most fantastic manner, color pure white, edged with shades o crimson. . . . . Pkt 10

Cardinal Poppy. (New hybrids). About eighteen inches high; habit erect and compact. Foliage dark green, deeply laciniated. The double flowers, which are beautifully fringed, come in about the same range of colors as the Shirley. A fine mixture of colors. . . . . Pkt 10

Ranunculus-flowered. Plants two feet high; free bloomers. Flowers double, two inches across. All shades of color, from white to deep crimson. A fine mixture of colors. Pkt 10

Vick's Double Mixed, made up of the above varieties ¼ ounce, 20 cents . . Pkt 10

For seed of California Poppies, see page 49.

For seed of Perennial Poppies, see page 70; for plants see page 74.

Vick's Single Flowering Varieties

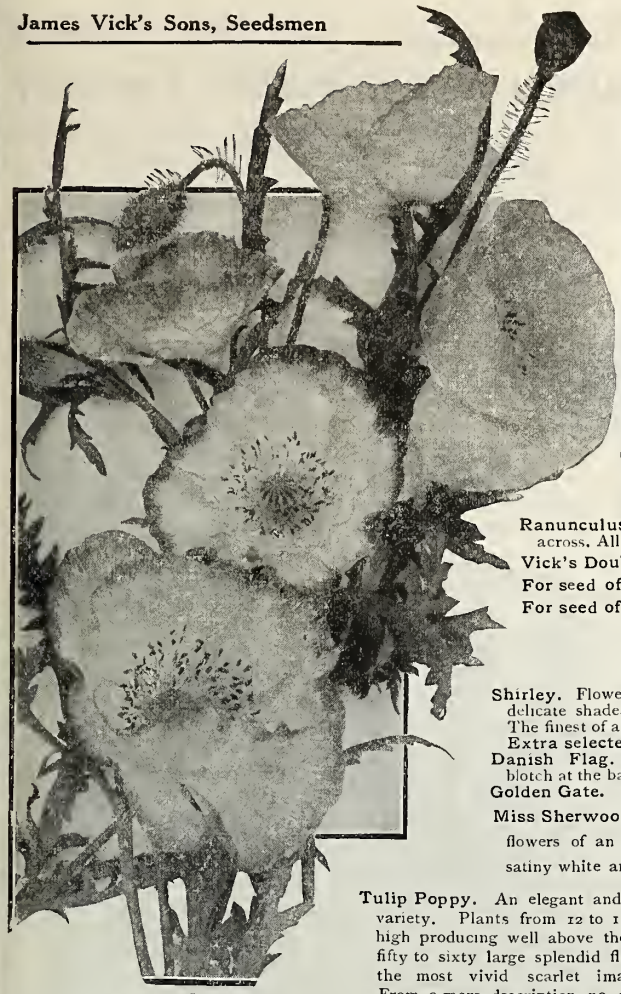
Shirley. Flowers exceedingly graceful and attractive; single. Colors mainly blush white, and delicate shades of pink, but containing shades of rose, carmine, scarlet and crimson. The finest of all annual single Poppies. One and one-half to two feet high. Extra selected strain. ¼ ounce, 35 cents; ounce, $1.00 . . . . . Pkt 10

Danish Flag. The large, single flowers are brilliant scarlet, with a large, silvery white blotch at the base of each petal, forming a white cross on scarlet ground. Very striking. . 10

Golden Gate. Single and semi-double flowers in a splendid variety of colors 10

Miss Sherwood. Very large single flowers of an exquisite shade of satiny white and rose . . . . Pkt 10

Tulip Poppy. An elegant and distinct variety. Plants from 12 to 14 inches high producing well above the foliage fifty to sixty large splendid flowers of the most vivid scarlet imaginable. From a mere description no adequate idea can be gained of its strikingly beautiful effect. ¼ oz., 30 cts. . . Pkt 10



SHIRLEY POPPIES
Finest of all single varieties, elegant and graceful.

VICK'S PORTULACA (Sun Plant)

For brilliant coloring, nothing can excell a bed of Portulaca, with its silky flowers glistening in the sunlight. It is very easily grown and no bedding plant equals the Portulaca for places exposed to the hot sun of mid-summer. It delights in intense heat, and dry weather seems to have almost no effect on the plants. The plants are of low growth and spreading in habit, each plant covering a space of about two feet in diameter. The flowers of the double varieties are like small roses and make a particularly brilliant show. Sow seed in the open ground as soon as the weather is warm, or in a hothed earlier. The plants can be transplanted when in full flower.

Single varieties, fine mixed. ¼ oz., 25 cents; oz., 75 cents . . . . Pkt 10

Double Rose-Flowered. As double as the Rose and of many brilliant colors. Finest quality, mixed colors. . . . . ⅛ oz., 60 cents. Pkt 15

PYRETHRUM (See also pages 70 and 76)

Matricaria Capensis (Feverfew). Small double white flowers well adapted for bedding. Half hardy annual . . . . . Pkt 10

HELIANTHUS or SUNFLOWER

Tall plants, from four to seven feet in height, with bright yellow flowers. The double varieties produce a very good effect among shrubbery. Often used as screens.

Red Sunflower. Blooms the first year from seed. Flowers chestnut red, many of them variously marked with gold. A splendid addition to the annuals. . . . Pkt 5

Chrysanthemum Flowered. Best of the Sunflowers, about seven feet high. The large double flowers are like yellow Chrysanthemums. oz., 70 cts . . . . . Pkt 10

Extra Double Dwarf. About four feet high. Each branch, from the ground to the top of main stem, bears a golden flower. . . . . Pkt 10

Mammoth Russian. For prices see page 45 (Farm Seeds)

VICK'S DOUBLE PORTULACA

The beautiful Peony-flowered and Carnation-flowered Poppies are illustrated in color opposite page 65.

SALPIGLOSSIS OR VELVET TRUMPET
BEAUTIFUL BEYOND DESCRIPTION. BY ALL MEANS PLANT AT LEAST A FEW FEET OF YOUR GARDEN TO THIS MOST BEAUTIFUL FLOWER.

SALPIGLOSSIS or VELVET TRUMPET

One of the most charming annual flowers. When in bloom they present a marvelously rare and charming combination of grace and beauty. In the garden the softly blended colors are glorious. When cut for house decoration they make delightfully graceful bouquets. The queen of all trumpet-shaped flowers.

Our illustration shows the form and veinings of this beautiful flower, but only nature can paint its colors. Its velvety texture and brilliancy of coloring defy description. It is fine for cutting, lasting well in water. The plants bloom continuously from midsummer until late fall. Sow the seeds on top of well-pulverized soil, cover *very* lightly with fine sand and press down firmly with a board. Protect from sun with paper or cloth until seed germinates.

We are now growing only the **New Emperor** variety, which shows a very marked and striking distinctiveness in habit of growth as well as in flowers from the old-fashioned grandiflora type. It grows about three feet high in a graceful bushy form with numerous branches thickly covered with flowers considerably larger than those of the old type, and presents a wide range of rich velvety colors.

Yellow, crimson, scarlet, yellow with white edge, light blue with gold, black purple, velvety violet, and dark scarlet.

Each, Packet, 15 cents
Mixed Colors, Packet, 15 cents.

SALVIA
or FLOWERING SAGE

The Scarlet Salvias are among the most brilliant red-flowering bedding plants in cultivation. They bloom from the middle of July to frost. Sow seed early indoors or in a frame in time to get good plants to set out of doors the latter part of May, or when the weather is suitable. Set plants one foot apart. For plants see pages 76 and 89

Clara Bedman. "Bonfire". A very compact, oval-growing variety, bearing an immense quantity of brilliant scarlet flowers on stiff, erect stems that stand out of and above the foliage. One of the most popular and best Salvias. . . . . Pkt 15

Splendens. Bears during summer and fall brilliant fiery scarlet flowers in great profusion. This is the old favorite bedding variety used so extensively. Plants three feet high. . . . . Pkt 10

Patens. Blue Sage. Flowers of delightful blue. Fine for borders . Pkt 15

Ostrich Plume. The flower resembles a large ostrich plume, color a brilliant scarlet. The plants are covered with these beautiful plume-like flowers. A single flower spike is a bouquet in itself. . . . . Pkt 15

HARDY WHITE SALVIA

Argentea. Very attractive silvery white foliage. Pyramids of white flowers, three feet high. Blossoms the second year from seed. . . . Pkt 10

For plants of hardy salvias see page 76
For plants of annual varieties see page 89.

AMERICA (Globe of Fire)
A SPLENDID NEW SALVIA

The earliest, most compact and uniform Salvia ever introduced. A profuse bloomer of brilliant scarlet color. Its erect, uniform habit of growth makes it of unusual value for border or base planting in front of porches or for bedding . . . . . Pkt. 15

" he seed I purchased from you last year was the very best. I took four first prizes at Flower Show."

Prescott, Ont. James E. Hall

Plant Salpiglossis in your garden this year. Their marvelous beauty and brilliant coloring will amply repay you

STOCKS

One of the most popular and desirable Annuals. It has good habit, fine foliage, fragrance, and beautiful flowers of nearly every desirable tint.

Large Flowering Ten Weeks Stock

This is the class that is most largely used for summer flowering as it comes into flower quicker than other types. Of compact growth and magnificent spikes of large double flowers,

	Pkt.		Pkt.		Pkt.
White	10	Bright Pink	10	Canary Yellow	10
Azure Blue	10	Blood Red	10	Mixed Colors	10
Wallflower leaved, mixed	10				

Cut - and - Come - Again Stocks.

Perpetual Branching Type.

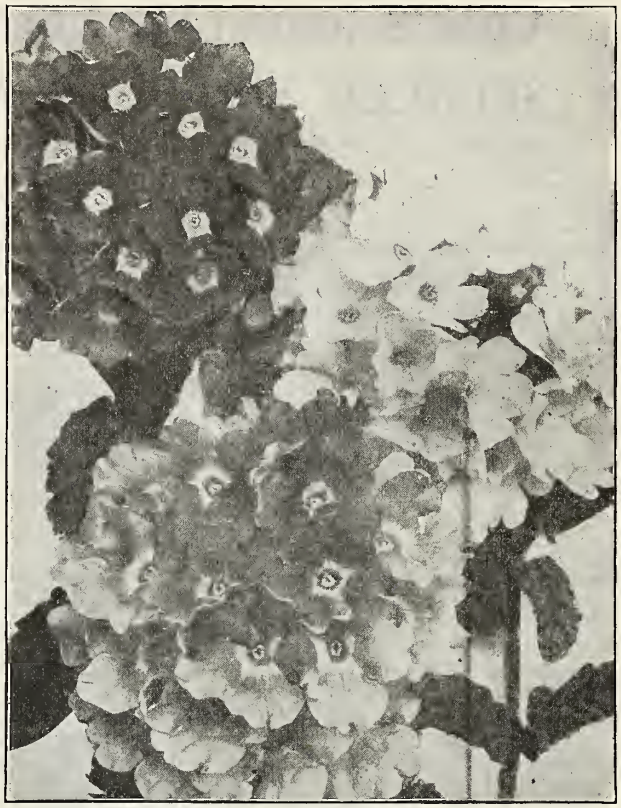
Of robust growth and branching habit. If sown early will commence blooming in June or July and continue until frost. Especially fine in September and October when other flowers have faded. This type has many side branches bearing numerous double fragrant flowers.

	Pkt.		Pkt.
Empress Augusta Victoria, silvery lilac	10	Blue	10
Princess Alice, white	10	Rose	10
Blood Red (Brilliant)	10	Yellow (Creole)	10
		Finest mixed colors	10

Early Mammoth Flowering Winter Stocks.

Magnificent recently developed strain of early flowering Winter Stocks sometimes called Beauty or Nice Stocks. Very large double delightfully fragrant flowers on well-branched plants about two feet high. This is the most desirable type for potting for window growing.

	Pkt.		Pkt.
Crimson King	15	Giant Nice Yellow	15
Beauty of Nice, flesh pink	15	Queen Alexandra, rosy-lilac	15
Empress Elizabeth, carmine-rose	15	Giant Nice, white	15
		Mixed Colors	15



"I would like to say that I never had such beautiful Annuals as I had from your seeds last year. My Stocks or Cut and Come Again were marvelously beautiful and admired more than anything else I grew."
Piffard, N. Y. Mrs. Frank Sherwood

STOCKS—CUT AND COME AGAIN

SCABIOSA (See also pp. 70 and 76)

or Mourning Bride

The Scabiosa is an old favorite and of late years has been greatly improved. The flowers are borne on long, wiry stems in white, yellow, pink, scarlet, crimson and maroon. Beautiful in the garden and excellent for bouquets. Very easily grown and has a long season of bloom. Twelve to eighteen inches high. Often called Pin Cushion Flower.

Annual.	Pkt.
Double Fiery Scarlet	10
Double Lilac. Tall growing	10
Double Royal Purple. almost black	10
Double White Snowball. Pure white	10
Double Yellow. A distinct color	10
Double Tall. Mixed colors	10
Double Dwarf. A pretty, compact plant. Mixed Colors.	10

VICK'S VERBENAS

Unrivalled as low growing bedding plants.
Long season of bloom.

Very few plants will make such a gorgeous display during the summer months as the Verbenas or furnish more flowers for cutting. Start seed in the house or under glass early in the spring, and transplant after three or four inches of growth. Good healthy plants can be produced readily from seed. They flower in July, and continue strong and healthy until after severe frosts.

Auricula-Flowered or White-Eyed.	Pkt.
Mixed colors	10
Striped. Excellent flowers, with Carnation like stripes	10
Scarlet. Brightest scarlet Quite true	10

VICK'S VERBENAS

(Verbenas con't)	Pkt
Pure White. Quite true from seed	10
Blue. Shades of blue and purple.	10
Yellow. Pale primrose yellow.	10
Mammoth pink.	10
Purplish Violet, with large white center	10
Mixed colors. ¼ oz., 50 cents; oz., $1.50	10
Verbena hybrida. Extra large flowers, fine mixed colors, choice seed, saved only from the most beautiful named flowers. ¼ oz., 60 cents; oz., $1.75	10

SCABIOSA—MOURNING BRIDE

Stocks will withstand very severe frosts and are therefore especially desirable and satisfactory for fall blooming

VICK'S RUFFLED GIANT SPENCER SWEET PEAS

A Revised List of the Very Finest of the Newer Varieties

The distinction of first introducing Sweet Peas generally to American flower lovers belongs to James Vick, the founder of this house. Perhaps no greater service was ever performed by any seedsman. Consider how widely they are grown, their increasing popularity, their wide range of colors and shades and their marvelous capacity of developing new and finer types each season. Everyone enjoys Sweet Peas. Nearly everyone can grow them, especially these beautiful long-stemmed, prolific blooming, delightfully fragrant Orchid Flowering varieties.

With the exception of our Asters, we sell more Sweet Peas than any other Annual. This year marks the passing of the Grandiflora type and a revision of our entire list so that we here present a large number of wonderfully beautiful new varieties as well as the most popular favorites of last year.

GENERAL LIST

Cherub. One of the best of the picoteed or edged varieties. A deep rich cream attractively edged with deep rose. Very large and free-flowering. Per packet, 10 cents; ounce, 35 cents.

Daisybud. A charming combination of apple blossom tints with a suggestion of cream pink. Extra large and beautifully waved. Per packet, 10 cents; oz., 45 cents.

Elfrida Pearson. Huge flowers of a dainty blush pink, an extremely delicate shade. The buds and the opening flowers show a slight salmon tint. One of the most vigorous and free blooming varieties. The immense flowers are almost invariably borne four on a stem, and many of them have double standards. Per packet, 10 cents; oz., 35 cents.

Hawlmark Pink. This lovely new pink is unsurpassed for cutting and show purposes. The color is a most beautiful rich rose pink, deeply flushed and shaded with salmon. The standards are slightly lighter in color than the wings. The flowers are well formed, waved and usually borne in fours. See picture inside front cover. Per packet, 10 cents; oz., 40 cents.

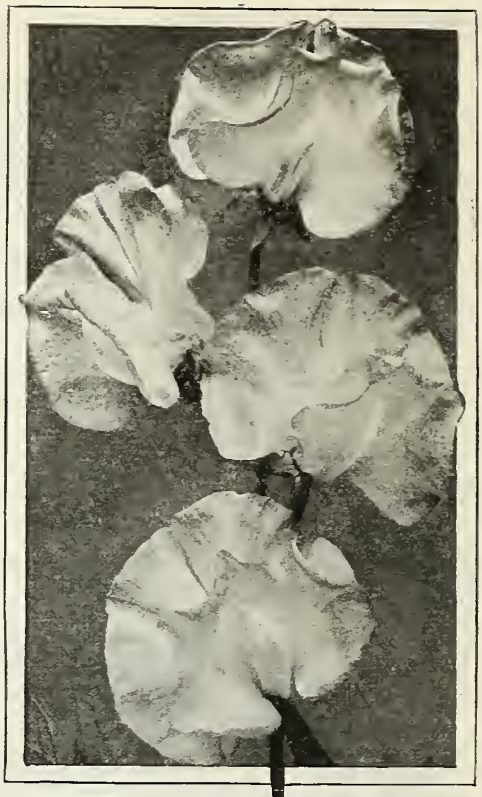
Hercules. Plants are very strong and vigorous. The flowers borne on stiff stems twelve to fourteen inches long are of beautiful soft rose pink, large and finely ruffled. One of the very best pinks. Per packet, 10 cents; oz., 35 cents.

Illuminator. Brilliant glowing orange-scarlet which glisten under bright sunlight. Per packet, 10 cents; oz., 35 cents

Majestic Cream. A very rich deep cream of remarkably large size. Well formed and free flowering. Per packet, 10 cents; oz., 45 cents.

Margaret Atlee. The lovely flowers, uniformly of the most advanced Spencer type are a rich glowing pink on cream ground, softly suffused of pinkish rose and salmon. There is a distinct blotch of buff-primrose at the base of both standard and wings which is particularly effective, giving a light, bright appearance to the entire flower. The flowers are of extraordinary size, often measuring two and one-half inches across the standard, exquisitively waved. Per packet, 10 cents; oz., 45 cents.

Margaret Madison. Clear, light azure blue. A refined color, free from mauve or pink shades. Both standard and wings beautifully ruffled. A gem that is bound to become immensely popular. Per packet, 10 cents; oz., 35 cents.



PINKIE—A Beautiful New Sweet Pea

Pinkie

Larger than any other deep rose pink. A vigorous grower, a continuous cropper and with unusually long stout stems. The flowers are nicely waved and well placed on the stem, and the beautiful rose pink tone is free from the blueness common to other deep pinks.

Per packet 15 cents

Wedgewood. A lovely light blue, in fact the best of the blue Spencers. The flowers, of good size and substance, are well waved in both standard and wings; they are borne almost uniformly in four flowered sprays upon long stout stems. Per packet, 10 cents; oz., 40 cents.

The President. A wonderfully brilliant, glowing scarlet, waved Sweet Pea of the largest size, carried on strong, stiff stems, usually in fours. One of the best of the older standbys in this class. Per packet, 10 cents; oz., 35 cents.

CUPID or DWARF SWEET PEAS

The Cupid varieties of Sweet Peas make very pretty edging for a border or sidewalk. The small bright flowers are borne in great profusion.

Mixed colors. Pkt., 10 cents; ounce, 35 cents.

VICK'S PERENNIAL PEAS (See also pages 69-73.)

The Perennial or everlasting Pea (Lathyrus latifolious) is one of the best of the hardy climbing plants. It produces large flowers in clusters, which are not, however, fragrant like the Sweet Pea, and remains in bloom for a long time. The Perennial Pea is very easily grown from seed, will succeed in almost any situation and once established will remain for years without replanting. It does well in shady and in moist places where other climbers would not thrive. Perfectly hardy. Grows from five to eight feet in height.

Lathyrus Latifolius. White, Rose and Red, each. Oz., $1.25. Pkt. 10
Mixed colors. Ounce, 75 cents..... 10

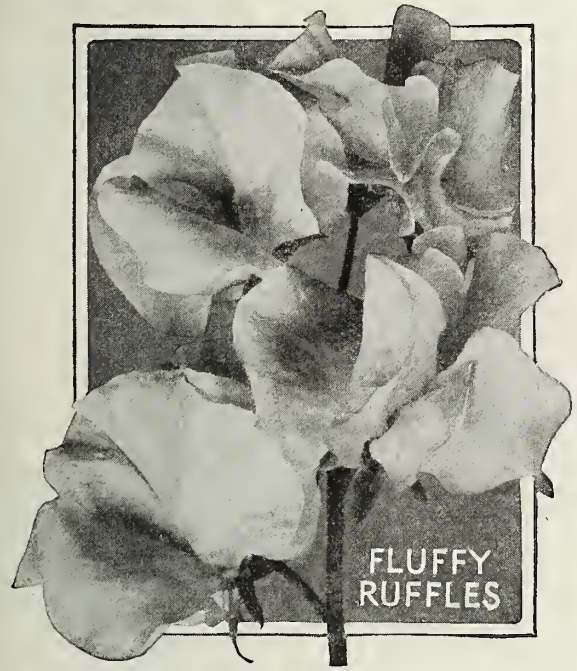
No more beautiful varieties of Sweet Peas can be found any where at any price than on these three pages.

OUR SELECTIVE LIST OF "PRIZE WINNERS FOR 1929"

This exceptional list covers the whole range of colors and types of the latest and best in Sweet Peas. Nowhere else will you find a choicer short list of varieties from which to grow superlatively perfect flowers for exhibition and fine display. Few florists or floral experts will go outside the varieties on these three pages for the most elaborate collection in any competitive show.

Prices except Novelties: ¼ oz., 25 cents; oz., 65 cents.

	Pkt.
Annie Ireland. Pure white edged terra cotta pink	$0.10
Austin Frederick. An improved giant lavender	.10
Barbara. Very beautiful salmon	.10
Constance Hinton. Very beautiful, mammoth white	.10
Crimson King. Rich deep crimson.	.15
Daffodil. Extra fine deep cream	.10
George Shawyer. Fine salmon rose	.10
Gladys. Pure lilac. No trace of rose	.10
Golden Glory. A glowing orange	.10
Happiness. A grand new variety. An exquisite shade of coral cream. Very popular color	.15
Heavenly Blue. This is a most delightful shade of Delphinium blue	.15
King Mauve. The largest rich rosy, waved mauve.	.10
Mammoth. A blazing orange scarlet. Very beautiful.	.15



Fluffy Ruffles. A new variety. Lovely rich rose pink, a gleam of rosy salmon and a bright creamy undertone, blending into a harmonious cream pink shade. A flower of exquisite texture and pleasant fragrance. A new type, duplexed and frilled, with long-stemmed, well-proportioned sprays of four almost globular flowers. No other Sweet Pea is said to exhibit such a consistent doubling and ruffling of its petals. Twelve sprays make a more massive bunch than eighteen sprays of an ordinary Spencer Sweet Pea. The vines make a sturdy growth and bear a profusion of blooms. The highest achievement yet attained in the most glorious of Annuals is Fluffy Ruffles ..... .20

	Pkt.
Mary Pickford. A dainty cream pink, suffused salmon	.10
Matchless. Cream. The most beautiful flower in this color	.10
Miss California. Cream pink shaded orange salmon	.10
Pinkie. Another exceptionally fine new variety this year. Larger than any other deep rose. Beautifully waved. Flowers abundantly. See illustration and description, page 62	.15
Ruby. Rich carmine ruby	.10
Scarlet Emperor. Rich beautiful scarlet	.10
The Sultan. Black velvety maroon	.10
Youth. Large white with rose pink edge	.10

EARLY FLOWERING SWEET PEAS

This new class has been developed to produce large size, perfect type, long-stemmed extra early. They are used extensively by florists for growing Sweet Peas in winter. They also give excellent satisfaction as extra early garden varieties, under ordinary outdoor conditions, producing an abundance of bloom much earlier than the standard varieties, thus extending the Sweet Pea season a month or more. Very popular.

Prices: Any 10 cent pkt. variety, ¼ oz., 20c; oz., 60c

	Pkt.
All White. Largest and finest waved pure white.	$0.10
Asta Ohn. A charming lavender tinted with mauve pink	.10
Aviator. Dazzling crimson-scarlet of fine form	.10
Blue Bird. A charming shade of violet blue with long stems	.10
Blanche Ferry. Lovely pink and white, standards bright crimson, wings white tinted pink	.10
Bright Light. Wonderful new flaming scarlet	.15
Cream. Primrose of perfect shape, and large size	.10
Glitters. A new glittering orange cerise with a fire like sheen radiating over the flowers	.10
Heather Bell. Rich lavender mauve, flowers large forming in threes and fours on long stems	.10
Imperial Pink. First time offered. The last word in extra large clear pink Sweet Peas	.15
Melody. A deep shade of rose pink closely resembling late flowering Countess Spencer	.10
Morning Star. Deep orange scarlet or flame color with large orange pink wings	.10
Mrs. A. A. Skach. Deep Pink	.10
Mrs. Calvin Coolidge. The big prize winning 1927 new variety. A glorious shade of salmon pink and bronzy orange. See picture	.15
Orange King. Another superior new variety. A beautiful glowing orange. Sun-proof	.15
Pink Cherokee. Another wonderful new variety. Fine pink suffused with salmon	.15
Rose Queen. Rose pink	.10
Snowflake. Magnificent pure white of super form, three or four flowers on long stems	.10
Spring Maid. Crimson pink, beautifully shaded	.10
Sweet Lavender. New. A pure lavender, enormous size, beautifully frilled.	.15
Yarrawa. The original Early Flowering Sweet Pea. A soft bright rose pink with creamy base.	.10
Choice Mixture. Early Flowering. **Pkt. 10 cts.; oz. 50 cts.**	

New Early Flowering Favorites

Recommended as the best short list of early kinds by America's greatest Sweet Pea Grower. Those marked (x) do especially well for inside culture.

	Pkt.
Ball Rose, deep rose pink X	$0.15
Blue Bird, very attractive blue X	.10
Blue Boy, clear blue	.15
New Orange, clear orange X	.15
Chevalier, a true rose	.15

MRS. CALVIN COOLIDGE

SWEET PEAS—Early Flowering Favorites Con'd.

	Pkt.
Columbia, pink and white X	.15
Giant Rose, rich deep rose pink X	.15
Harmony, clear bright lavender X	.15
Mrs. Kerr, clear salmon X	.15
Queen Crimson, crimson	.20
Rose Queen, light rose pink X	.10
Silver Blue, light blue lavender	.15
Snowstorm Imp., pure white	.15
Springsong, salmon pink on cream X	.20
Superior Pink, rose pink flushed salmon	.15
Torch, salmon orange	15
Vulcan, vivid scarlet X	.15
White Harmony, black seeded white X	.20

Vick's Superior Mixture of Orchid Flowering Sweet Peas

This mixture is made in our own seedhouse and contains the best Spencer Sweet Peas. We are careful what goes into the mixture, and we are sure you will be pleased with the variety of colors at blooming time.

Packet, 10 cents; ounce, 25 cents; quarter pound, $0.75 half pound, $1.40; pound, $2.50.

Rainbow Sweet Pea Collection

Fifteen varieties covering the entire range of color in Sweet Peas including many of the newer and finer kinds.

Postpaid to your door for 90 cts.

Cherub, cream edged rose.
Majestic Cream, rich cream
King White, glistening white.
Wedgewood, lavender.
Royal Purple, true purple.
Margaret Madison, light blue.
Margaret Atlee, cream pink.
Hercules, rose pink.
Hebe, large rich pink.
Daisybud, apple blossom tints.
R. F. Felton, lavender-pink.
Warrior, dark maroon.
Elfrida Pearson, blush pink.
Illuminator, orange scarlet.
The President, brilliant scarlet.

Flowers Illustrated on Opposite Page

Vick's Choice Collection

Orchid Flowering Sweet Peas.

SPECIAL OFFER

One packet each of the following, 85 c., postpaid.

Twelve of the finest varieties of Spencers offered.

Renown. A splendid new variety recently introduced from England. It is conceded to be the best rose carmine yet produced. Flowers are large and well waved. **Per packet 15c., oz., 75c.**

Hebe. A fine rich pink of unusually large size with broad outstanding standards. Plants are very strong and vigorous in growth and the flowers exceptionally large and borne on long stems, usually in fours. **Per packet 10c., oz., 45c.**

Mrs. C. P. Tomlin. One of the very best new scarlets. The color is a rich scarlet with a touch of fiery red. Flowers are large and of true Spencer form. **Per packet 10c., oz., 40c.**

Sunset. A magnificent Spencer novelty with flowers of a soft but rich shade of rose, the base of the flowers being lightened by a golden yellow suffusion. Plants are sturdy and vigorous and produce large well waved flowers in great profusion. **Per packet 15c., oz., 75c.**

King White. A glistening pure white of perfect form and texture, truly gigantic in size. Very free flowering. **Per packet 10c., oz., 35c.**

R. F. Felton. A fine new rich lavender pink, a wonderfully distinctive color. Flowers are of magnificent size. **Per packet 10., oz., 40c.**

Picture. One of the largest Sweet Peas ever produced. Color is a charming combination of cream and pink with a deeper flush of apricot on the wings. A strong vigorous grower with large flowers well waved and frilled at the edges. **Per packet 10c., oz., 40c.**

Defiance. This variety now stands out as one of the very finest red Sweet Pea yet produced. It is a dazzling rich fiery cardinal red about identical in shade with the color of Lobelia Cardinalis. This variety is absolutely burnless even in the brightest sunshine. **Per packet 15c., oz., 75c.**

President Harding. A decidedly unique color in Sweet Peas. Peach red or salmon cerise suffused orange. When first offered this variety was awarded the only certificate of merit by the National Sweet Pea Society of Great Britian that year. The blooms are magnificent in every way. Both standards and wings are attractively waved and crimped. Flowers are borne profusely on long stems nearly everyone bearing four large flowers. **Per packet 15c., oz., 75c.**

Warrior. A deep rich reddish maroon with bronze tints. A splendid artistic combination. One of the best of the very dark varieties. **Per packet 10c., oz., 35c.**

Mrs. Tom Jones. A new first class rich blue described as a bright Delphinium blue. One of the finest yet produced. The flowers are large, beautifully waved and generally borne in fours. **Per packet 10c., oz., 40c.**

Royal Purple. The color, as the name indicates, is a rich royal purple. The vines are unusually vigorous with long stout stems carrying four large blossoms as the rule. Flower retains its rich deep color until it withers with age. It should be in every collection. **Per packet 10c., oz., 40c.**

VICK'S CHOICE COLLECTION!

Spencer Sweet Peas

One packet each variety pictured on this page, 12 in all of these fine Orchid Spencers for only

85 cents Postpaid

Descriptions on opposite page

A Few Popular Annuals

	Price per pkg.	Description on page
Blue Lace Flower (Didiscus Coeruleus)	15c	52
Poppy, Peony Flowered . . .	10c	59
Poppy, Carnation Flowered . . .	10c	59
Zinnia, Dahlia Flowered . . .	15c	65
Zinnia, Cactus Flowered . . .	15c	65
Nigella, Love-in-a-Mist .	10c	55

Flowers Shown on Opposite Page

BLUE LACE FLOWER

Here is a wonderfully beautiful flower which is growing in popularity rapidly. Everyone who sees it is charmed by its beauty. Attracts most attention in contrast with other beautiful flowers, thereby enhancing the beauty of them all. The umbrella shaped sky blue flowers, often two or three inches in diameter, are borne on slender stems two feet or more in height. Blue Lace Flower, blooming from July till frost, makes an attractive border or group in the garden, and also makes an excellent cut flower, keeping a long time in water.

Packet, 15 cents.

Double Flowering Annual Poppies

Poppies have a distinctive charm supplied by no other flower and deserve a place in every annual garden. Their gracefully nodding flowers and brilliant hues make them very attractive in almost any setting.

Peony-flowered. A splendid class of large double flowers, with broad petals, resembling a Peony. The colors range from white to pink, carmine, scarlet, crimson, and maroon. A fine mixture of colors . . . . . **Pkt. 10**

Carnation-flowered, or Double Fringed. Splendid large double flowers, A fine mixture of colors. **Pkt. 10**

NIGELLA

Love-in-a-Mist, Devil-in-a-Bush and Fennel Flower are names given to this pretty, interesting and easily grown annual. This beautiful, unique and little known plant makes a showy and attractive border or mixes well with other Blue or Pink flowers for bedding. The delicate Blue-White flowers surrounded by a feathery mass of foliage suggests "Love-in-a-Mist," and the red crown-shaped horn tipped seed pods suggests "Devil-in-a-Bush." Fine for cutting. Twelve to fifteen inches. **Mixed Colors. Oz., 30c. Pkt. 10.**

DAHLIA FLOWERED ZINNIA

This new Dahlia Flowered type of Zinnia is one of the greatest improvements in the development of the Zinnias yet produced. The blossoms are the largest we have ever seen in Zinnias and are very full and double, but best of all they are far more graceful and artistic than most Zinnias, being quite similar in shape to the Decorative type of Dahlias. The colors are the most delicate and refined that have yet been developed in this type of flower. Our mixture includes not only all the ordinary shades but many unusual ones not found in any other class. **¼ oz., 75c. pkt., 15c. 3 for 40c.**

NEW CACTUS FLOWERED ZINNIA

This new type of Zinnia is very distinctive and is a splendid addition to this very popular and easily grown annual. The illustration gives a very good idea just how the flowers look. The petals, especially when they start to open, are very distinctly quilled, the inside petals always being of a lighter color than the outside and the edges of all the petals being of the lighter shade making a very pleasing and unique effect. In general appearance it somewhat resembles the Cactus Flowered Dahlia but is much fuller and has many more petals. The flowers are unusually large, being greater in diameter than any other Zinnia with the exception of the Dahlia Flowered Zinnia. **¼ oz., 75c. Packet, 15 cents.**

THUNBERGIA

One of the best trailing plants for veranda boxes, vases, etc. Neat, compact growth. The pretty flowers, an inch in diameter, are white, buff or yellow with black eye. **Mixed Colors. Pkt, 10 cents.**

Vick's Mammoth Zinnias

Giant-Flowered Double Zinnias

Plants of vigorous growth, about three feet high, bearing profusely their perfectly formed double flowers, from four to five inches in diameter.

	Pkt.		Pkt.
Scarlet	15	Orange or Golden Yellow	15
Rose	15	Sulphur Yellow	15
Crimson	15	White	15
Purple	15	Striped	15

Any 3 packets of above varieties 40 cents.
Any variety, ¼ oz., 40 cents; oz., $1.25.
All colors mixed, ¼ oz., 30 cents; oz., 80 cents; packet 10 cents.

Curled and Crested Zinnias

A unique and interesting strain of this popular flower. Each plant is covered with large double blossoms, the petals of which are crested, curled and twisted in most charming and fantastic forms. The range of colors includes all the shades characteristic of other Zinnias. Curled and Crested are desirable as cut flowers.

Mixed Colors packet, 10 cents.

LILIPUT ZINNIA

Plants are about one foot high, very compact, and when in bloom are covered with small double flowers. They can be used very effectively either for edging or massing. They also make charming bouquets when cut. All colors mixed, ¼ oz., 40c.; pkt., 10c.

VINCA or Madagascar Periwinkle

Bedding or pot plants with glossy deep green leaves and bright, Myrtle-like flowers. Easily grown from seed and bloom continuously. Annual. One foot high.

	Pkt.
Alba Pura. Pure white	10
Rosea. Rose, with dark eye	10
Rosea Alba. White with rose center	10
Mixed Colors. Rose and White	10

WALLFLOWER

Deliciously fragrant and splendid for cutting. The perennial Wallflower needs protection in the North.

Perennial. (Half hardy). Fine Mixed Colors, Double. . . . . Pkt 10
Annual. Flowering first season. Fine Mixed Colors, Single . . Pkt 5

Vick's Everlastings

The Everlastings or Eternal Flowers, as they are sometimes called, have again risen to the popular place they so well deserve, and are becoming generally cultivated. The plants do not appear very important when the garden is gay with scores of hright colcred annuals and perennials, but in the winter, when the others are all gone, they are greatly appreciated. The flowers should generally he picked as soon as they expand, or a little before, and hung up in small hunches with the heads down, so that the stems will dry straight, In this way they will retain both form and color for years, and make very desirable winter ornaments and bouquets for table decorations.

Acroclinium. One of the most beautiful of the Everlastings. A strong grower, eighteen inches high, bears a great number of pink-rose and white daisy-like flowers, with a yellow center. Should he gathered the first day they open to secure a hright center when dried. **Mixed Colors.** ¼ oz., 20 cts.; Pkt., 10 cts.

Gomphrena globosa. (Globe Amaranth). Clover-like flowers, eighteen inches high. Sow seed, thin to twelve inches apart. **Mixed Colors.** ¼ oz., 20 c.; Pkt., 10 c.

Rodanthe. Douhle huds of beautiful form and dainty pink and white color. Gather hefore fully expanded. One of the prettiest of the Everlastings. **Mixed Colors.** ¼ oz., 25 cts; Pkt., 10 cts.

Straw Flower. Helichrysum. A hardy annual and one of the best Everlastings. The plant is 2½ feet high and produces large, double daisy-like flowers, with prominent centers and stiff, overlapping scales, which make a fine display in the garden during the summer. When dried, the flowers retain their shape and color for years and, placed in vases or haskets, without water, make splendid winter bouquets and decorations. Plants succeed in any good garden soil if given plenty of space; place at least one foot apart. For drying, cut the flowers when in bud or just hefore fully open, and hang them, head down, until completely dry.

Fire Ball, red.
Silver Ball, white.
Golden Ball, yellow.
Rose Queen, carmine rose.
Salmon Queen, salmon.
Violet Queen, violet.
Each, per Packet 10 cents.
One packet each, six varieties. 50 cents.
Mixed Colors. ¼ oz., 30 cents; Pkt., 10 cents.

Gypsophila Paniculata (Bahy's Breath). Delicate mist-like sprays of tiny white flowers invaluable when dried for use in houquets of Everlastings. . . . Pkt. 10

(See also pages 69 and 73.)

STRAW FLOWER—HELICHRYSUM

Ornamental Grasses

Ornamental grasses are not only attractive in the flower bed or horder in the summer, hut are largely used, when dried, in making up graceful, artistic bouquets, haskets and vases for winter decoration in connection with dried everlasting flowers. Large heds and groups of these grasses are used with fine effect in landscape work.

HARDY GRASSES (For plants see page 76)

Eulalia Japonica Zehrina. (Zehra Grass). 4 to 7 ft. Handsomely striped across the leaves. Fine feathery plumes. **Pkt., 10 cts.**

Eulalia Japonica. Striped lengthwise the leaves. **Pkt., 10 cts.**

Briza maxima. Quaking Grass. Handsome for winter houquets. **Pkt., 10 cts.**

Erianthus Ravennæ. Plume Grass. Hardy Pampas Grass. 4 to 7 feet. The graceful clumps are surmounted hy handsome plumes, which are much used for winter decoration. **Pkt., 10 cts.**

ANNUAL GRASSES

Agrostis nehulosa. Cloud Grass. A very beautiful variety of ornamental Grass. Fine and feathery. Very delicate. Looks like mist when in hloom. Elegant for houquets. Eighteen inches high. Very useful for decorations when dried. **Pkt., 10 cts.**

Coix Lacryma-Jobi. Job's Tears. Two feet high. Corn-like leaves. Grown for the head-like fruit. **Oz., 50 cts.; Pkt., 10 cts.**

Pennisetum longistylum. Fountain Grass. Two feet high. Long, slender leaves and greenish-white plumes. For borders of heds, etc. **Pkt., 10 cts.**

Pennisetum Ruppellianum Purple Fountain Grass. Three feet high. The purplish plumes are heautiful for houquets and unequalled as a horder for heds of tall plants. **Pkt., 10 cts.**

STATICE

A Beautiful Everlasting

Sinuata. A very attractive annual useful in fresh houquets, hut especially valuable dried for winter decorations. The flower stems hearing large loose panicles of small flowers rise to a height of about two feet. Very graceful and artistic effects can he secured in using Statice in houquets and haskets with other Everlastings of different colors and forms. Any of the following colors . . . . . Pkt 10

Blue, Rose, White, Lavender and mixed.

XERANTHEMUM

One of the most satisfactory of the Everlastings, with silvery foliage and an ahundauce of rose white and purple flowers which make a fine show in the garden as well as being excellent for drying. **Pkt. 10 cts.**

SEEDS OF TENDER PLANTS

It is very fascinating to grow one's own tender plants for the house. A large number of varieties can be grown quite readily from seed. Sow very thinly on the surface, in a box filled with a compost of three parts of rotted sod and one part fine sand. Cover the seed with a little fine earth or sand, and water gently but thoroughly. Place the box, covered with glass, in a warm light place, but avoid direct sunlight. Remove the glass when plants are up, and when they have made two leaves, transplant to a box of similar soil and set in a shady place. After a few days, remove again to the light.

Plants of most of the varieties below, as well as many others, are listed in a section commencing on page 86.

	Pkt.
Abutilon. Chinese Bell-Flower or Flowering Maple. A well-known greenhouse shrub which will bloom freely with very common treatment. Seeds sown any time hefore April in a temperature of about 60 degrees, will produce strong flowering plants the first season.	
Finest Mixed Varieties	25
Asparagus, Sprengeri. Very rapid growing plant with fine lace-like foliage. 100 seeds, 50 cents.	10
Calceolaria. Hybrida grandiflora. The Calceolarias are very beautiful and popular plants, producing masses of peculiar pocket-shaped, striped, hlotched, and variegated flowers. They make gorgeous plants for greenhouse or window	25
Cineraria. Brilliant colors, compact habit and easily grown.	
Hybrida. Choice Mixed	25
Hybrida grandiflora. From the largest flowered prize varieties	50
Cineraria Maritima Candidissima. (Dusty Miller.) Silver foliage	10
Coleus. Remarkahle for the hrilliant colors of their foliage. The choicest varieties	Pkt 25
Cyclamen Giganteum. White, pink, red and rose. Each	25
Giganteum. Choice strain, large flowers, rich colors	25
Cyclamen Mixed	15
Geranium. Fine Mixed	10
Gloxinia hybrida. Best quality; from choice show flowers	25
Lantana. Finest Mixed	15
Linaria Cymhalaria, Kenilworth Ivy. Lavender and purple.	15
Schizanthus Wisetonensis. As a pot plant this has hardly a superior. It is literally covered with small orchid-like flowers and remains in hloom from four to six weeks. See also page 58	25
Smilax. A graceful climher for the greenhouse or window. Invaluable for houquets and floral decorations. (Plants offered on page 89.)	15

With a little care you can grow as beautiful Everlasting flowers for winter bouquets as any you see in florist shops

A FIELD OF HARDY SWEET WILLIAMS ON ONE OF OUR FARMS (See pages 70 and 76

Vick's Hardy Perennial Flower Seeds

THE perpetual charm of hardy garden flowers has won for them a warm spot in the hearts of all lovers of beautiful gardens. The reasons for their ever-increasing popularity are easily found:

They can be started with remarkable ease. The seed may be sown in the early spring with the annuals or later in the summer during July and August. If sown later, the seed-bed should be in a cool, damp place or the ground should be kept shaded and moist by artificial means until the plants appear.

They adapt themselves readily to nearly all climatic and soil conditions.

Their blooming season is from April to November, making the beauty of the Perennial Garden ever changing as the months pass.

They have a wide range of usefulness. As cut flowers, in making up designs and bouquets, or for border and massing effects in the garden they are very effective.

They are permanent. When once established in good soil, the perennial bears its blossoms for years, growing finer and more beautiful as the seasons pass.

A very complete list of Annuals begins on page 47; a list of hardy plants and bulbs on page 71.

ALYSSUM (For plants see page 71)

Alyssum saxatile Compactum. Gold Dust. Hardy, compact growth, producing a mass of golden yellow flowers in early spring. Of easy culture and much used in rockeries. **¼ ounce, 35 cents; Pkt. 10**

ACHILLEA (For plants see p. 71)

The Pearl. Large pure double white flowers somewhat resembling Pompon Chrysanthemums. Very hardy. Easily grown from seed. **Pkt. 25 cents.**

ANCHUSA

Anchusa Italica. Dropmore Variety. One of the most valuable of the recent introductions in hardy plants. The plants are very vigorous, the rough leaved stems growing to a height of five feet. The flowers are a beautiful, clear, bright blue, and are freely produced all summer, making a most striking plant in the hardy border. **¼ ounce, 40 cents; Pkt. 10 cents.** For plants see page 71

ANTHEMIS

Tinctoria, Golden Marguerite. Pretty, hardy plant with finely divided leaves, growing to a height of two to three feet. Bears, throughout the summer, an abundance of long-stemmed, golden yellow, Daisy-like flowers. Excellent for cutting. **One-eighth ounce, 30 cents; Pkt. 10 cents.**

ACONITUM

Napellus (Monkshood,) Large, Porcelain-blue hood-shaped flowers, very effective in borders. Valuable for cutting. Two feet high. **Pkt. 15 cents.**

"This makes fifty-six years that I have had our garden and flower seeds from Vick's and can say that I have found them reliable."
Mrs. C. S., Schuylerville, N. Y.

LONG SPURRED AQUILEGIA OR COLUMBINE

AMPELOPSIS (For Plants see p. 79)

Veitchii-Boston Ivy. A small leaved hardy vine which clings closely to any wall or house forming a handsome covering of foliage. **Pkt. 10**

AQUILEGIA, Columbine

One of the most beautiful of the hardy perennial plants. The graceful and peculiarly shaped flowers are borne on slender stems well above the handsome foliage. Plants grow two to three feet high. Seed sown any time up to midsummer will produce plants that will begin to bloom the following May Perfectly hardy and of easy culture. For plants see page 72. Pkt.

Chrysantha. Beautiful canary yellow 10

Coerulea, Rocky Mountain Columbine. Sky blue and white. Superb. **⅛ ounce, 50 cents** 10

Skinneri. Yellow, with scarlet spurs; the sepals greenish orange. Beautiful 10

Vick's Long-spurred Hybrids. A beautiful strain of large flowered hybrids, comprising a great variety of colors in blue, white, yellow, pink, scarlet and orange. **⅛ oz., 50 cents** 15

Single, all colors mixed.
¼ ounce, 30 cents 10

Double, all colors mixed.
¼ ounce, 30 cents 10

ANEMONE (For plants see p. 71)

Coronaria, Poppy Anemone. Pleasing hardy plants, fine for herbaceous border or bed, 10 inches high. Mixed colors, **Pkt. 10**

ARABIS (For plants see page 71)

Alpena, flora plena-Rock Arabis. Charming low growing very early spring flowering plant, splendid for edging or for the rockery. Double pure white flowers..... **Pkt. 10**

BAPTISIA

Australis. Plant two feet high bearing lovely racemes of light blue pea-like blossoms, appearing in midsummer. **Pkt. 10**

CANTERBURY BELLS
SINGLE AND DOUBLE

CAMPANULA or Bell Flower

There are two general classes of Campanulas, hardy biennials, which blossom from seed the second year, and perennials. The biennials are the better known, and include the very popular Campanula Medium or Canterbury Bell, and Campanula Calycanthema, or Cup and Saucer. Campanula Carpatica, Pyramidalis or Chimney Bell Flower, and Platycodon Grandiflora are perennials
For plants see page 72.

Pkt

Canterbury Bell. Campanula Medium. Flowers large. Plants two feet high; blooms in July.
Single or Double Flowered, Mixed Colors. 10
Single, Pink. A soft, delicate shade. One of the most beautiful of all hardy flowers 10
All Varieties Mixed . . . . . **Ounce, 75 cents** 10

Cup and Saucer. Calycanthema. Beautiful form of Canterbury Bell with a large "saucer" at the base of the flower. Two feet high. **Pink, blue and white, mixed** 10

Carpatica. Six inches high, blooming the whole season. **White or blue, each** . . 10

Pyramidalis. Chimney Bell Flower. Pyramidal plants three feet high, bearing hundreds of beautiful cup-shaped flowers. **Blue, white or mixed, each** . . . 10

Grandiflora Platycodon. Large broad bell-shaped, showy, deep blue flowers . 10

HARDY CANDYTUFT
(For Annuals see page 49)

A very desirable, neat, low-growing evergreen plant; fine for borders or rockery. Flowers pure white.

Gibraltarica. Large, showy flowers, lilac, shading to white. One to two feet in height. Blooms in April and May. **1-16 ounce, 50 cents** . . . . . Pkt 10

Iberis sempervirens. White, 8 to 10 inches high. Early Spring, **1-16 ounce, 50 cents** . . Pkt 15

COREOPSIS Tickseed
(For Annual varieties Calliopsis see page 48)

One of the best hardy perennials. Used extensively for cut flowers. Very free-flowering, blooming from June to October. The large, showy, golden-yellow flowers are borne on long stems, and will last a week or more when cut. Will bloom the first year if seed is sown early. For plants see page 72.

Grandiflora. Will grow anywhere. Two to three feet high. Fine for cutting. **Ounce 45 cts.** Pkt 10

DOUBLE DAISY or Bellis Perennis
(For Shasta Daisy see page 70)

The well known English Daisy. Seed sown any time from June to August will produce flowers early the following spring. Transplants readily. Set about six inches apart.

Longfellow. Large, rose-colored flowers. **Snowball.** Large, pure white. . . . . Pkt. 10
Mixed Colors . . . . . Pkt. 10

MONSTROUS A new strain of Double Daisy with flowers fully twice the size of the ordinary sorts We expect this strain to soon supercede entirely the older varieties. **White, Rose, or Mixed Each** . . . . . Pkt. 15

DELPHINIUM or LARKSPUR
(See also pages 52 and 72)

The Hardy Larkspurs are easily among the finest of all our perennial plants. The prevailing colors are rich, clear shades of blue. The taller kinds furnish long spikes of bloom that are strikingly decorative, and last a long time as cut flowers. The plants have a long season of bloom, which can be greatly prolonged by keeping the seed stalks cut out and supplying plenty of water.

Formosum. Large flowers of deep, brilliant blue, white eye. Three to four feet 10

Formosum cœlestinum. (Pillar of Beauty). Beautiful shade of light sky blue; flowers large; spikes long. Plants three to four feet in height 10

Nudicaule. Bright scarlet; native of California. One to two feet 10

Chinese Sinensis. Fine. Two to three feet. Blue, white, and pink, mixed. 10

Gold Medal Hybrids. Three to six feet high. Flowers of various shades. Finest varieties mixed. Extra fine stock. See picture inside back cover. 15

Belladonna. By far the finest Delphinium yet produced. Flowers large, light blue, borne on stately tall spikes ¼ **ounce $1.20.** 10

HARDY GAILLARDIA
(See also pages 52 and 73)

Gaillardia Grandiflora. The plants and flowers of the perennial Gaillardia are very much larger than those of the annual. The colors are exceedingly brilliant. They include the richest shades of crimson, scarlet, orange and yellow, contrasting beautifully with the brown centers. The plants are perfectly hardy and easily grown from seed. If seed is sown early the plants will bloom the first year. June until frost. **Mixed Colors. ¼ Oz., 30 cents** . . 10

VICK'S HOLLYHOCKS
(For plants see page 73)

We feel justly proud of our special strain of Double Hollyhock grown on our farms. In all our experience we have never seen a greater variety of colors, from the most delicate pink to deep maroon; all immense, perfectly double flowers. No garden is complete without a few of these stately, hardy plants from six to eight feet high, used as a background or in the border with shrubs or other hardy plants. Seed sown in the early summer will produce blooming plants the second season. July-Sept.

Hollyhock, Double. Four to five feet high. Very double and fine, from the best named collection in Europe. **Pink, rose, scarlet, yellow, crimson, flesh, white. Any Color Mixed Colors. Ounce, $1.50; ¼ ounce, 50 cents.** . . . . . Pkt. 10 10

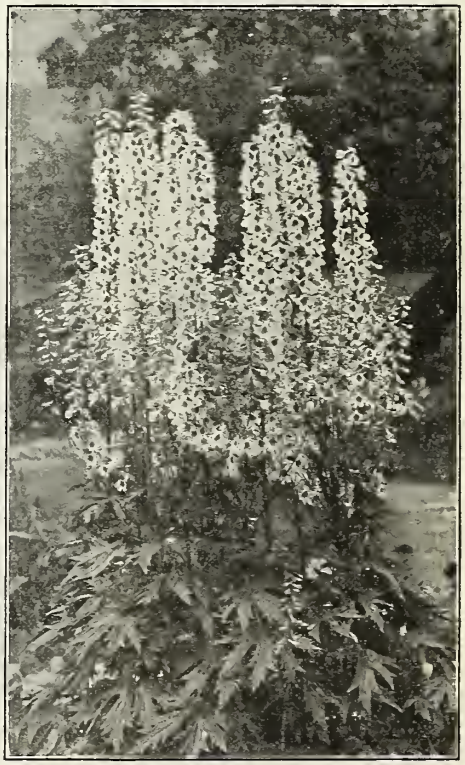
Newport Pink. The finest double pink variety in cultivation. Color similar to that of the famous "America" Gladiolus. Planted with "Pillar of Beauty" Larkspur the effect is strikingly beautiful. 15

Allegheny. Six to seven feet high. Flowers very large and beautifully fringed. Single and semi-double. Has a long season of bloom, and the plants are taller and less subject to rust than the double varieties. **Mixed Colors. ¼ ounce 50 cents.** 10

Hollyhock, Single, mixed colors. ¼ oz., 30 cts.; oz., $1.00 5

HONESTY—Satin Flower

Lunaria. (Moonwort). Hardy biennial, prized for its curious attractive silvery white flattened seed pouches, used for winter decoration 10



DELPHINIUM OR LARKSPUR

Every well-balanced garden needs perennials, for the border, scattered through shrubbery, in the corners, everywhere

CERASTIUM, Snow-in-summer (For Plants See p. 74.)

Tomentosum. A very attractive dwarf-growing perennial, very useful for edging, rockeries, or for carpeting dry sunny spots or for covering graves It is covered with white flowers in June. Foliage, silvery. . . . . **Pkt 10**

DICTAMNUS or Gas Plant.

A very hardy, useful perennial about 3 feet tall bearing beautiful spikes of flowers in May and June. It is a most persistent grower, coming up year after year. A single clump has been known to outlive father and son. Very effective in separate clumps or in the mixed hardy border. An interesting thing about this plant is that in the early evening it exudes a kind of inflamable gas which will sometimes make a faint flash of light when gnited; hence the name Gas Plant. Seeds are slow to germinate. Seeds sown in fall will sprout readily in the following spring.

Albus. Spikes of attractive pure white sweet-scented flowers . . . . **Pkt. 10**

Fraxinella. Beautiful plant with ash-like foliage, and spikes of red, purple-veined flowers . . . . . **Pkt. 10**

CHINESE LANTERN PLANT (For plants see p. 72)

Physalis Franchetti. A very interesting plant 1½ ft. high bearing yellow flowers with dark centers which produce highly ornamental baloon-like husks which turn bright red and resemble paper Chinese lanterns . . . . . **Pkt 10**

CLEMATIS (For plants see p. 79)

Paniculata. The well-known and beautiful hardy climber, covered each season with large clusters of pure white star-shaped flowers of delightfu fragrance. . . . . **Pkt 10**

CORNFLOWER ASTER, Stokesia Cyanea

This flower, about 18 inches high, bears freely, from early July until frost, its handsome Centaurea like blossoms, each measuring from four to five inches across. It is of the easiest culture, succeeding in any open, sunny position, and is not only desirable as a single plant in the mixed hardy border, but can be used with fine effect in masses or beds of any size. We have no hesitation in saying that the Corn-flower Aster is one of the most beautiful, valuable and desirable of hardy plants. **Packet, 10 cents. For plants see page 72**

HARDY CHRYSANTHEMUM

For other Chrysanthemum see pages 50 and 80.

Maximus. Considered the finest of the perennial Chrysanthemums, with daisy-like flowers of extraordinary size, pure white, very free flowering **Pkt 10**

DIGITALIS or Foxglove

For Plants, description and illustration see page 72.

Perfectly hardy. Sow the seed in spring in the garden, and transplant as desired. Blooms June-August. **¼ ounce, 40 cts. White, Rose, Purple, Yellow, or mixed colors, each . . . . . Pkt. 10**

MYOSOTIS or Forget-Me-Not (For plants see page 73)

Charming, low-growing plants, the bright flowers covering the plants in late spring. Seed sown at any time up to mid-summer will produce plants that will bloom the following spring. Prefer moist shady situation. The Alpestris varieties are very free flowering; they are practically biennial. **Pkt.**

Alpestris. Blue. Grows six inches high. Blooms in April **10**

Alpestris alba. White. Grows six inches high. Good for borders . . . **10**

Alpestris rosea. Light pink. Grows six inches high. **15**

Alpestris, Indigo Blue. New, very fine. A deep indigo blue **10**

Alpestris robusta grandiflora (Eliza Fonrobert). Large-flowering, of pyramidal habit. Very fine. Blue, with clearly defined yellow eye. **10**

Alpestris, Victoria. Sky blue, dwarf. Plants globular **10**

Palustris (True Forget-me-not). Blue, with yellow eye. Perennial. **15**

Mixed Varieties. Seeds of the above varieties mixed . . . **¼ Oz., 30c. 5**

VICK'S PERFECTION. The finest Myosotis known. Large, bright blue flowers. As an edging plant for beds or the shrubbery border it really has no superior. Plant robust, nine inches high . . . . . **⅛ Oz., 80c. 15**

GENTIANA

Acaulis. A beautiful dwarf hardy plant, very useful for border or rockery, 4 inches tall; large bell-shaped flowers of rich deep blue. Spring blooming **Per packet, 10 cts.**

HEUCHERA --- Alum Root

Sanguinea. Scarlet crimson flowers borne on long stems two feet high blooms in July and August. . . . . **Pkt. 15**

HARDY LYCHNIS (For plants see page 73)

Excellent hardy plants, of easy culture, commonly known as Lamp Flower, Ragged Robin, etc. To obtain good flowers tbe first summer, sow the seed inside and transplant as early as possible. **Pkt**

Chalcedonica, Maltese Cross, Jerusalem Cross. Fine old-fasbioned flower. Two feet high, with beads of brilliant scarlet flowers during spring and early summer **10**

Haageana hybrida. Finest of the Lychnis family. One foot in height. **Mixed Colors** **10**

Viscaria splendens. Flowers crimson. One and one-half feet high . **10**

GYPSOPHILA OR BABY'S BREATH (CLOSE VIEW)

GYPSOPHILA or Baby's Breath (See also pp. 52 and 73.)

The delicate, mist-like sprays of the Gypsophila are invaluable for bouquets. They serve to lighten the effect of the masses of other flowers, and are especially useful with Sweet Peas, and other flowers that cannot readily be cut with their own foliage. Blooms July and August. Two feet high.

Paniculata. Baby's Breath. One of the best hardy perennials. Easily grown and blooms the first season from seed. Flowers white. Splendid for cutting and can be dried like strawflowers. . . . . **¼ Oz., 25c. Pkt. 10**

HIBISCUS --- Rose Mallows (For Plants see p. 73)

Tall, shrub-like, hardy plants with showy flowers of various colors. Three to five feet high. Blooms from July to September. **Pkt**

Crimson Eye. Large creamy white flowers with crimson eye **10**

Moschentos. Showy light rosy pink flowers with darker center . . . **10**

Mixed. **10**

KUDZU VINE

Pueraria Thunbergiana. (Jack and the Bean Stalk) Probably the most rapid growing hardy climber in existence. When once establisbed it often makes a growth of 50 feet in a single season. The first it will grow 8 to 10 from seed. The large bright green leaves make a dense screen. It bears small racemes of rosy-purple, pea-shaped blossoms in August It will flourish where nothing else will grow . . . . . **Pkt. 10**

LUPINUS (For plants see p. 74)

Polyphyllus. Easily grown, hardy plants about three feet high with long spikes of pea-like flowers of various colors . . . . . **Mixed Pkt 10**

LOBELIA CARDINALIS (See also pages 53 and 73)

Our native Cardinal Flower. Spikes of brilliant scarlet. Blooms the first year if well started with heat. Blooms August and September . . . **Pkt 25**

LATHYRUS - Perennial Peas (For plants see page 73)

Lathyrus Latifolius. One of the most useful and satisfactory perennial plants,. Excellent for covering old stumps, fences, etc. Very hardy.

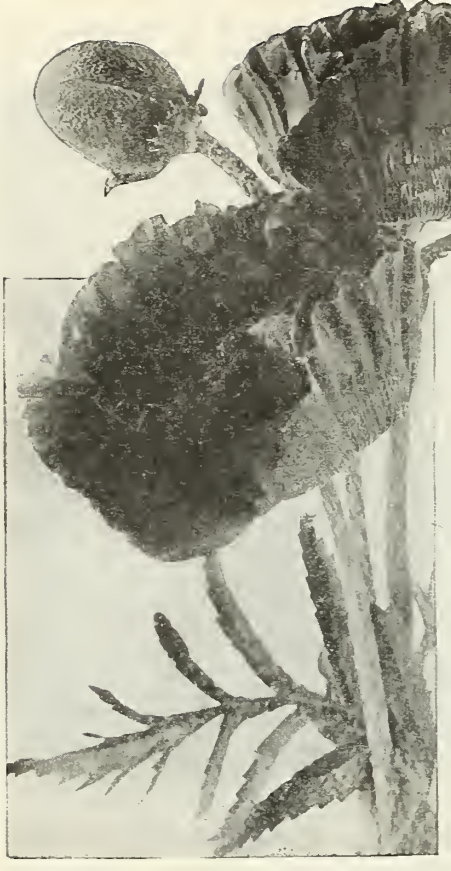
White, Rose and Red . . . . . **Each. per oz., $1.25. packet 10**

Mixed colors. . . . . **Oz., 75 cts.** . . . . . **packet 10**

LYTHRUM (For plants see page 73)

Roseum Superbum. A very pretty hardy perennial with large spikes of rosy flowers borne on strong shrub like plants, 3 feet high. . . **Packet 10**

Dictamnus or Gas Plant is a very interesting and valuable hardy perennial and should be planted more extensively.



ORIENTAL POPPY

PERENNIAL POPPIES (See also pages 49, 59 and 74)

Iceland Poppies are perennial, but blossom the first year from seed, if sown early. The plants are perfectly hardy, and bloom the entire season. The flowers are about the size and shape of those of the well-known Shirley Poppy (annual), and are borne on long wiry stems. The delicate silken texture of the flowers, nodding on slender stems, produces an exquisitely dainty effect. Charming as cut-flowers, lasting well if cut when the buds are opening. Bloom from June to October

	Pkt.
Pure White, Yellow and Orange, in separate packets, each	15
One packet each of the three above colors	35
Above colors mixed, per packet	10

Oriental. The single large Oriental Poppy is one of the most striking and showy of all the hardy garden plants. The tall stems, three feet in height, bear great flowers of brilliant scarlet six or eight inches across. The plants thrive well either in the full sun or in partial shade. The plants bloom in June. Perfectly hardy and easily grown from seed. Sow seed from April to June . . . 10

Excelsior Hybrids. A grand mixture of colors in hybrids of the Oriental Poppy. The result of several years careful selection. Ranges from the most delicate salmon to deep crimson. . 25

PRIMROSE (See also pages 58 and 89)

Hardy Primroses succeed best in a northern border. Sow seeds where they can be kept shaded and watered as they require a long time to germinate.

	Pkt
Primula auricula. Fine Mixed.	25
Primula elatior. (Polyanthus.) Fine Mixed	10
Primula vulgaris. True English yellow primrose.	15

PYRETHRUM—Persian Daisy (See also pages 59 and 76)

Hardy perennial plants of easy culture with beautiful, large single and double, daisy-like flowers, three to four inches across, in a variety of brilliant colors. The flowers are borne on long stems and are splendid for cutting. The plants have a long season of bloom. Grow two feet high.

	Pkt
Single Large-Flowering. Mixed colors	10
Double Large-Flowering. Mixed colors	25
Yellow-Leaved or Golden Feather. Dwarf plants about eight inches high.	10

PHYSOSTEGIA—False Dragon Head (Plants on page 74.)

	Pkt
Virginica. Beautiful summer flowering perennial, bearing long spikes of bright pink flowers.	10

RUDBECKIA—Cone Flower

	Pkt
Purpurea, or Giant Purple Cone Flower. Flowers reddish wine-purple. Two to three feet high. Blooms from June to October. Beautiful and lasting as cut flowers	10
Newmani. Single golden-yellow flowers with black center	10

HARDY SCABIOSA (See also pages 61 and 76)

	Pkt
Caucasica. One of the best of the hardy perennials. The large flowers are a beautiful soft lilac color and are borne on long stems. 2 to 3 ft.	15
Japonica. Beautiful artistic lavender-blue flowers about two feet high	15

SHASTA DAISY (For plants see page 76)

A very hardy perennial, blooming better and more abundantly each season, and continuing to bloom for several months. The pure white flowers are from two and one-half to four inches in diameter, and are borne singly on long, stiff, wiry stems. The blooms, when cut, remain perfectly fresh and in good condition for two weeks or more. Blooms from July to October . . Pkt. 10

SWEET WILLIAM (For plants see page 76)

This beautiful sturdy old favorite is one of our specialties. We grow it in large quantities. Seed may be sown at any time from spring to mid-summer. Blooms the second season during June and July. Perfectly hardy

	Pkt.
Holborn Glory. Large flowers in beautiful shades, with center and margin of white	10
Dunnetti. Deep blood red. Rich, velvety texture	10
Pink Beauty. A beautiful salmon pink	15
Scarlet Beauty.	10
Single White.	10
Double White	10
Single Mixed. (Perfection.) All colors.	10
Double Mixed. All colors	10

VALERIANA (For plants see page 76)

	Pkt
Ruhra Long spikes of fragrant bright red flowers, two feet high, excellent for border	10
Alba. Pure white flowers	10

VERONICA—Speedwell (For plants see page 76)

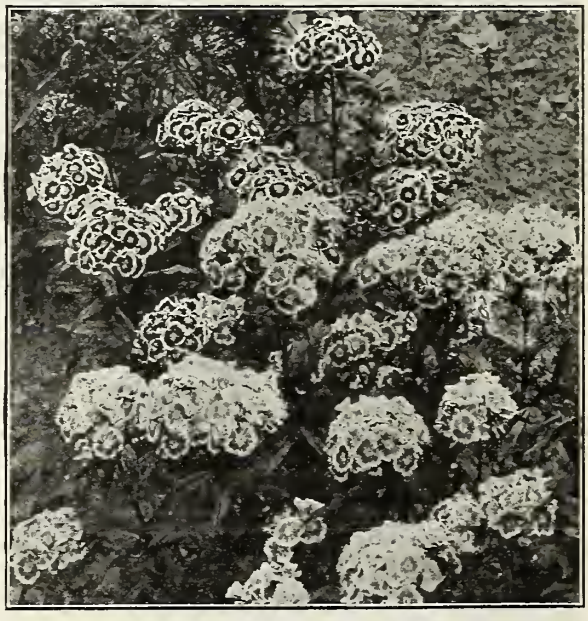
	Pkt
Spicata. Delightfully pretty blue flowers in long spikes	10

YUCCA (For plants see page 76)

	Pkt
Filamentosa. A strikingly decorative plant; long narrow sharp pointed leaves and large spikes of creamy white bell-shaped flowers	15

THERMOPSIS

	Pkt
Carolianina. Magnificent tall growing plant, about 5 feet high, with clover like leaves. Large spikes of golden-yellow, pea shaped flowers.	15



BEAUTFUIL, FRAGRANT, OLD FAVORITE SWEET WILLIAM

We have had the experience of three quarters of a century in growing, packing and shipping seeds, plants and bulbs

Glimpses of our greenhouse farms where we grow our Plants, Bulbs and Shrubs.

Notice New Low Prices On Many Varieties

HARDY PLANTS AND BULBS

HARDY PERENNIALS are like family friends; they require little, but grow more and more beautiful and beloved as the years roll by. Year after year they come up to greet us with the charming beauty and gorgeous coloring of their flowers and foliage. Where can one find plants so attractive, so appealing to the eye, which can be put to so many uses? For the border they are most satisfactory, for filling in the front of shrubbery they are unexcelled, and for massing on the lawn they are superb.

With a little care you can have a profusion of flowers from early April to late November. Prolong the blooming period by keeping the flower stalks cut out close to the ground, not permitting them to form seed. Most early-flowering varieties will bloom again in the fall if cut back close after their first blooming period.

At single and dozen prices we prepay Parcel Post or Express on plants to all points east of the Mississippi River. For points beyond you need not send postage in advance. The slight additional amount will be collected by postmaster on delivery. **Seeds of Perennial Plants are shown in a section commencing on page 67.**

Our Nursery Department has been reorganized and modernized, and greatly improved growing and shipping methods have been installed. We have now an immense quantity of strong, well rooted stock ready for your orders.

We are sure you will like our stock and our rapid but careful service. We plan to send only the best quality on every order. If any arrives from us in poor condition, let us know at once and we will refund or refill whichever you prefer.

ACHILLEA or Yarrow (For seeds see p. 67)

The Pearl. The blossoms are of purest white, and so large that they resemble a Pompon Chrysanthemum. Hardy, and will thrive in almost any situation. Very desirable for garden or for cemetery decoration. Blooms nearly the whole season. Height about 2 feet. **Each 25 cents; 6 for $1.25.**

Millfiolium Roseum. (Rosy Milfoil) Beautiful deep green foliage with numerous mammoth pink flowers. **Each, 25 cts.; 6 for $1.25.**

ALYSSUM (See also pages 47 and 67)

Saxatile compactum—"Basket of Gold." An indispensable plant for the rockery or border, growing one foot high and producing, in May, masses of broad flat heads of bright yellow flowers.

Each, 25 cents; 6 for $1.25, 25 or more not prepaid, 15 cents each.

ANCHUSIA ITALICA (For seeds see p. 67)

Dropmore. A splendid recent introduction. The freely branching plants are covered in early summer with large graceful spikes of clear bright gentian blue. Attracts universal admiration. Grows well in any sunny location. Very effective either in beds or borders.

Strong plants, each 30 cents; dozen $3.00

ANEMONE (For seeds see p. 67)

Whirlwind. This double variety has the habit, and all the other good qualities of the Single White Japan Anemone, with the additional ones of greater hardiness and more lasting blooms. The flowers are two and one-half to three inches across, and have several rows of white sepals. The plants grow from two and one-half to three feet in height. **Each, 30c.; 3 for 75c.**

Queen Charlotte. Early-flowering, vigorous grower. Begins flowering in August, and continues until November, becoming more attractive each day. Flowers semi-double, broad, perfectly formed, and of a delightful shade of silvery pink. . . . . **Each, 30 c.; 3 for 75c.**

ANEMONE—"WHIRLWIND"

We ship plants direct from our greenhouses to you thus assuring their arrival in the best possible condition

DELPHINIUM OR HARDY LARKSPUR

AQUILEGIA or COLUMBINE

(For seeds, illustration and full description see page 67)

Each, 25 cents; dozen, 6 for $1.25.

Chrysantha. The beautiful golden-yellow Columbine.

Cœrulea. The true Rocky Mountain Columbine. Flowers azure blue and white.

BLEEDING HEART or Dicentra Spectabilis

One of the best old-fashioned flowers. Leaves are light, transparent green; graceful and fern-like. Flowers are heart-shaped, varying from light pink to a rosy crimson. Flowers in April and May.

Each 35 cents; 3 for $1.00

BOLTONIA

Among the showiest of our native hardy perennials. Attains a height of four to five feet, with single aster-like flowers in large clusters. When in full flower (and it remains in bloom a long time) it is a wonderfully handsome shrub-like plant.

Asteroides. Pure white . . . . . Each, 25 cents; 3 for 65 cts.

CHINESE LANTERN PLANT

(For seeds see p. 69)

Physalis Franchetti. An ornamental variety of Winter Cherry grown principally for its very attractive balloon-like husks or pods, which turn bright red and resemble Chinese paper lanterns. These may be dried and last forever, making splendid winter decorations. Ea. 25c.; 6 for $1.25

CANTERBURY BELL or Bell Flower

(For seeds and illustration see p. 68.)

or Campanula

An indispensable, always popular hardy plant that grows in great variety of forms. Some are tall, stately and imposing and others are dwarf and compact, suitable for edging rockeries, etc.

Flower best in half shady places.

Each, 25 cents; 6 for $1.25.

25 or more of one variety by express, not prepaid, 15 cents each.

Carpatica. (Carpathian Hare-Bell.) A pretty, compact species, not exceeding eight inches high flowers clear blue, one inch in diameter. Blooms from June to last of Oct.

Persicifolia. (The Peachleaf Bellflower). Grows from 2 to 3 feet high. Its flowers are more shallow than bell-shaped. It has narrow leaves and is very graceful.

Two colors, white and blue.

Pyramidalis. A most attractive plant for the border, forming a perfect pyramid, covered with large, blue and white flowers. Four to six feet. Blooms in August.

DELPHINIUM or Hardy Larkspur

(See also pages 52 and 68)

The Hardy Larkspurs are easily among the finest of all our perennial plants. The prevailing colors are rich, clear shades of blue. The taller kinds furnish long spikes of bloom that are strikingly decorative and last a long time as cut flowers. The plants have a long season of bloom, which can be greatly prolonged by keeping the seed stalks cut out and supplying plenty of water. The dark, handsome foliage is neat and attractive throughout the whole season. The plants are perfectly hardy. **Each, 25 cents; doz. $2.50.**

Formosum. A most brilliant deep blue, the finest blue flower known among our bardy plants. 3 to 4 ft.

Belladonna. The finest light blue Delphinium yet produced. Flowers very large on long erect spikes.

Hollyhock Strain. Fine mixture of light shades, pale, clear blue predominating. Flowers are large, and truly double. Well placed on long, pyramidal spikes. Wonderful improvement in perennial Delphinium.

CERASTIUM or "Snow in Summer"

(For seeds see p. 69.)

Tomentosum. A very pretty dwarf, white-leaved edging plant, bearing small white flowers. Fine for rockery. Blooms in May and June. **Each 25 cents; 6 for $1.25.**

COREOPSIS

(For seeds see p. 68)

Lanceolata Grandiflora. A most popular hardy plant. Flowers are rich golden yellow in color, graceful and invaluable for cutting. Blooms very abundantly during the last of June and continues in flower during the entire summer and autumn. 18 to 24 inches. **Each, 25 cents; 6 for $1.25.**

CORNFLOWER ASTER or Stokesia Cyanea

Valuable native hardy plant of easy culture. Large, handsome flowers of lavender blue, borne profusely from July until frost. 18 inches. For seeds see page 69. **Each, 25 cents; 6 for $1.25.**

DIGITALIS or Foxglove

(For seeds see p. 69)

The Foxgloves are quite stately and highly ornamental plants when well grown, with flower stems at least three feet in height. They are fine for the mixed border, or planted single in half-shady places near a walk or drive. The racemes of the flowers are often two feet in length, containing scores of prettily-spotted thimble-shaped flowers. Perfectly hardy. **Fine white, pink and purple mixture. Each, 20 cents; 6 for $1.00.**

DIGITALIS or FOXGLOVE

25 or more of any variety on this page 15 cents each by express collect or if you prefer by parcel post, postage C. O. D.

GAILLARDIA GRANDIFLORA OR BLANKET FLOWER

GAILLARDIA or Blanket Flower (See also pages 52 and 68)

Grandiflora. Among the most attractive and effective of our hardy perennial plants. Will thrive in almost any position or in any soil. One mass of bloom from June till autumn. The gorgeous flowers, two to three inches in diameter, dark red-brown in center, with bands of crimson-orange and vermillion, are borne on stems, eighteen to twenty-four inches long. **Each, 25 cts.; 6 for $1.25. 25 or more by express not prepaid, 15 cents each.**

Dazzler.
The flowers are very large, of dark rich red with bright orange tip, making a very attractive flower for florists and table decorations. By far the largest, most attractive giant, red Gaillardia.
Each, 25 cents; 6 for $1.50.

FORGET-ME-NOT (For seeds see p. 69)

Myosotis palustris. The true perennial Forget-me-not. A variety that is always in flower. **Each, 25 cents; doz. $2.50; 25 or more by express not prepaid, 15 cents each.**

GYPSOPHILA—Baby's Breath

For seeds and illustration see page 69; for annual varieties see page 52.

Paniculata. Gypsophilas are valuable for bouquet making, either green or dried. They are very graceful and easily cultivated. Should be in every garden Flower white. Plants two feet high. Blooms, July and Aug. **Each, 30 cents; dozen, $3.00.**

Ehrlei. A marvelous new variety surpassing any other in existence. A distinct new form, early, pure white, double flowering. The flowers are produced before Gypsophila Paniculata begins to bloom. After the main crop has been cut, new flower spikes make their appearance until frost. Graceful form, very robust, everblooming. Will grow in any sunny position not too wet. Lime adds greatly to the vigor of the plant.
Strong, grafted, one year old, field grown plants, ea. 90c.

HARDY CANDYTUFT (For seeds see page 68)

Iberis sempervirens. A very useful low-growing practically evergreen plant excellent for rockery and border. The pure white flowers are borne in great profusion on umbrella like spikes. 8 to 10 inches high. Fine for cemetery planting. One of the best perennials. Perfectly hardy in any climate. **Each, 25 cents; 6 for $1.25.**

MONARDA DIDYMA

An exceptionally fine, hardy perennial for planting in the garden or in a mixed border. The plant grows about 2½ feet high, branching freely, and bears multitudes of bright red, showy flowers all summer, which are surpassed in intensity of color only by the Cardinal Flower. For a mass of color it is very striking. Thrives well in the shade. **Each, 25 cents; 3 for 65 cts.**

LIATRIS or Blazing Star

Blooms in mid-summer and throws up long, narrow spikes of rich, purple flowers which last a long time. Very popular.
Each 25 cents, 6 for $1.25

HOLLYHOCKS (For seeds see p. 68)

Double Hollyhock. This flower is justly becoming more popular every day. We have excellent healthy plants, grown from seed, that will flower the first summer. Give the plants a light covering of coarse litter for winter protection. In six separate colors—White, red, pink, purple, yellow, maroon **Each, 25 cents 6 for $1.25.**

"Allegany." New Fringed Perpetual-Blooming. The flowers come single, semi-double, and double. They are seldom less than five inches across, and are beautifully fringed, of fine form and delicate texture. Two to four buds form at the base of each leaf, where the old style Hollyhocks have but one or two. These buds open in succession, prolonging the flowering season until autumn. **Mixed colors, 25 cents each, ; 6 for $1.25. 25 or more by express, not prepaid, 15 cents each.**

HIBISCUS—Rose Mallow (For seeds see p. 69)

Tall, hardy, free blooming, with showy flowers. Height from three to five feet. July to Sept. **Each 25 cents ; 6 for $1.25 25 or more by express not prepaid, 15 cents each.**

Crimson Eye. The flowers are immense in size. The coloring is of the purest white, with a large deep spot of velvety crimson in the center of each flower. A well developed plant will produce several hundred of these flowers during the season.

Moschentos. Flowers six inches in diameter, light rosy red, with a dark center.

HELIANTHUS—Hardy Sunflowers

Remarkably free-flowering, will succeed in any soil, and are invaluable for decorative purposes, or as cut flowers during the summer and autumn. **Each 25 cents; 6 for $1.25.**

HELIOPSIS (Orange Sunflower)

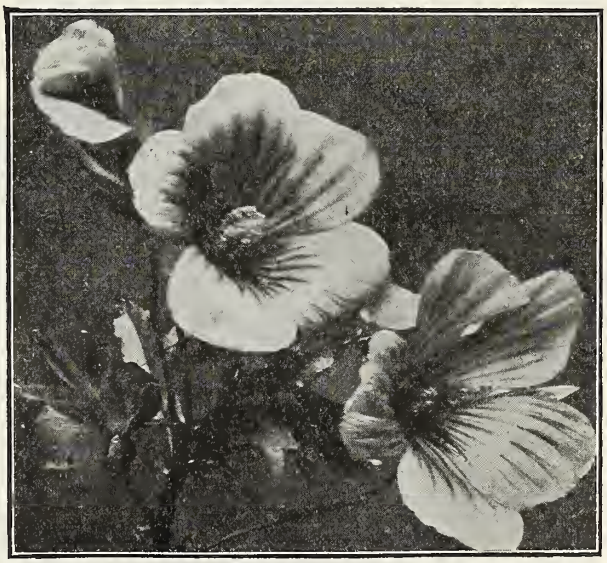
Similar in general habits to Helianthus, but commencing to flower earlier in the season; July and August; of dwarfer habit, rarely exceeding 3 feet in height; very valuable for cutting.
Each 25 cents; 6 for $1.25.

LYCHNIS (For seeds see p. 69)

Chalcedonica—Maltese Cross—Jerusalem Cross. A most beautiful hardy perennial, growing three feet high, and producing brilliant scarlet flowers all summer long Very desirable for mass planting and for a combination of colors in the border. **Each, 25 cents ; 3 for 65 cents.**

LYTHRUM Roseum Superbum

A strong-growing, shrub-like plant, producing large spikes of rose-colored flowers from July to September Grows three to four feet high.
Each, 25 cts ; 6 for $1.25; 25 or more by express not prepaid, 15c. each.



HIBISCUS—Rose Mallow.

Parcel post or express is prepaid on all plants at single and dozen prices to the 5th zone, larger quantities not prepaid

GERMAN IRIS

PENTSTEMON

Most useful hardy perennial, blooming from June until autumn. Very fine for border or rockery. Flowers born on tall spikes, resembling Gloxinias. Grows about three feet high.
Hybrids. Each, 25 cents; 6 for $1.25.

PHYSOSTEGIA (For seeds see p. 70)

False Dragon-Head

One of the most beautiful of our summer flowering perennials, bearing long spikes of globular shaped flowers resembling a giant feather. Each, 25 cents; 6 for $1.25.
Virginica. A bright pink. Four feet. Virgnica alba. White. Two feet.
Speciosa. A very delicate light pink. Grows four to five feet high.

HARDY PINKS (See also page 51)

These pinks are perfectly hardy, and will remain in the open ground all winter without protection.
Each, 25 cents; dozen, $2.50; 25 or more by exp. not prepaid, 15c. each.
Comet. A fine shade of red; flowers double, clove scented.
White Reserve. A nicely fringed white. Always in bloom.
Mother's Day Carnation. The finest and largest pure white hardy carnation yet produced. Very early, just the thing for both Mother's Day and Decoration Day.

HARDY POPPY (See pages 59 and 70)

(Illustration on page 70)

Iceland Poppies. The plants are perfectly hardy, and bloom the entire season. The flowers are about the size and shape of those of the well-known Shirley Poppy, and are borne on long wiry stems. The delicate silken texture of the flowers, nodding on slender stems, produces an exquisitely dainty effect. Charming as cut flowers, lasting well if cut when the buds are opening. White, yellow, and orange. Each, 25 cents; 3 for 65c.

Oriental Poppies. The single large Oriental Poppy is one of the most striking and showy of all the hardy garden plants. The tall stems, three feet in height, bear great flowers of brilliant scarlet six or eight inches across. The plants thrive well either in the full sun or in partial shade. They are a great addition to the hardy border, and are of especial value among shrubbery, lighting up the usually dark and somber clumps of shrubs. The flowers are splendid for cutting, lasting well if cut as they are opening.
The plants bloom in June, and they disappear during July and August, to reappear again in th falle. Each, 25 cents; 6 for $1.25.

LUPINUS, Lupine (For seeds see p. 69.)

Polyphyllus. Strong plants, about three feet high, with long spikes of pealike flowers in early summer. Mixed colors.
Each 25 cents; 6 for $1.25.

HERBS (For seeds, see p. 24)

English Lavender. Each, 25 cents; dozen, $2.50.
Mammoth Broad-Leaved Sage. Each, 25 cents; dozen, $2.50.

IRIS, or Fleur-de-Lis

Iris the "Fleur-de-Lis," is one of the most delicately beautiful hardy garden plants. There are several classes, natives of different regions, but far and away the most popular are German Iris, true Flag Iris or Fleur-de-Lis and Japanese Iris or Iris Kaempferi, in which classes there are hundreds of varieties of handsome form, beautifully colored and marked, and rivaling in beauty the most showy orchids.

Iris thrive in almost any soil or situation. They require plenty of moisture, but cannot endure standing water. They require very little care and will remain in the ground from year to year, gradually spreading and increasing the size and beauty of the floral display.

GERMAN IRIS - FLAG IRIS

Perfectly hardy. Blooms in May and June. Should be planted only an inch or so under ground.

"S" refers to the "Standards" or upright petals; "F" refers to the "falls' or lower petals.

A. E. KUNDRED. S. yellow bronze. F. red with orange beard, fragrant. **25c**

ALCAZAR. Very large handsome variety, rated high by Iris Society. S. light violet bronze. F. deep purple, bronze veins in throat. Usually sold for about 50 cents. **25c**

AMAS. Very large; two shades of violet. **25c**

ARCHEVEQUE. Medium height. S. light violet. F. velvety purple. Fine. **25c**

A. W. BLAKELY. A fine, vigorous, pink and yellow Iris. **25c**

AZURE. A rich purple bicolor. Very tall, free flowering. Rated high. **35c**

FLAVESCENS. Large, sweet scented, pale lemon yellow. Very popular. **25c**

GOLDEN FLEECE. Attractive pale yellow Early, vigorous, free flowering. **25c**

GOLDEN PLUME. Upper petals rich golden yellow, lower chestnut brown edged yellow. **25c**

BLUE KING. Fine deep blue. **25c**

CANARY. Light yellow; early, free flowering. Showy, attractive. **25c**

C. A. PFEIFFER. S. pale blue violet. F. pansy violet, with lighter edge. Orange beard. Tall. **25c**

CAPRICE. S. purple or rosy red with F. still deeper, yellow beard. One of the best reds. Very beautiful. **25c**

CELESTE. Soft pale violet with white beard. Attractive. **25c**

CHERUBIM. Delicately blending pale violet flushed buff; orange beard. **25c**

CLARENCE WEDGE. S. heliotrope with lighter edge; Falls a purple red. Orange beard. **25c**

DRAKE. Well rated. Tall, vigorous, free blooming variety of violet blue. **35c**

DR. MANTOR. Orchid colored. Excellent. **25c**

HONORABLIS. Upright petals vivid yellow, lower petals rich mahogany. **25c**

IGNACITE. A very showy and free flowering lavender, with deeped shadings. **25c**

IRIS KING. Standards old gold, very broad, falls deep brown. Rich color combination. Medium height. **25c**

KATHARINE FRYER. S. clear sulphur yellow; F. velvety violet-carmine. Beard orange. Very tall; very beautiful. **25c**

LENT A. WILLIAMSON. Upper petals lavender-violet; lower velvety violet purple. Flowers large. Highly rated. An outstanding variety. **25c**

LOHENGRIN. Large ruffled flowers. Upper petals light mauve, lower violet tall. Very beautiful, very popular. **25c**

LORELEY. S. yellow, splashed purple. F. Purple bordered yellow. Very profuse bloomer. **25c**

MME. CHOBAUT. A charming variety. S. white, suffused pale yellow to wine red; F. white suffused with lilac. Very tall and stately. **35c**

MARY GARDEN. A curiously speckled flower. S. yellow flushed lavender. F. creamy white, dotted and veined maroon. **25c**

MONSIGNOR. Rich coloring, good substance. Bluish violet overlaid with brownish purple. Highly rated. **25c**

MRS. COWLEY. Russet, flushed carmine; lower velvety violet carmine. **25c**

MRS. H. DARWIN. Pure white, with falls slightly reticulated, violet at base. No better white. **25c**

PROSPER LAUGIER. Showy, free flowering, popular, light bronze with velvety ruby purple. **25c**

PURPLE KING. Splendid, early, free flowering deep violet purple. **25c**

QUEEN OF MAY. Soft Lilac pink. Delightfully fragrant. **25c**

SHERWIN WRIGHT. Bright golden yellow. Vigorous and free flowering. **25c**

WALHALLA. Lavender blue with violet purple falls. Early, large flowering. **25c**

SPECIAL PRICES YOUR CHOICE

Any 4—25 cent varieties, only 85c
Any 10—25 cent varieties $2.00

Japanese Iris

Fine Mixture 4 for 90c; 12 for $3.25

VICK'S HARDY PERENNIAL PHLOX

PERENNIAL PHLOX *Most Popular of All Hardy Plants*

Perennial Phlox is extremely effective where planted as a border. Massed in beds it makes a gorgeous spectacle; while if scattered among other early flowering plants it is delightfully attractive. Grows from 2 to 4 feet and produces large spikes of showy lasting flowers. Blooms from June to September. Strong field-grown plants.

25 cents each, $2.48 per dozen.

SPECIAL - All 10 Varieties Only $2.18

Coquilicot. Bright scarlet.
Eclaireur. Flowers of immense size, carmine, salmon center, rosy white star.
Faust. Bright rose.
Frau Von Lassburg. Large, pure white.
Le Mahdi. Violet purple.
M. Bezanson. Fiery crimson, velvety purple eye.
Miss Lingard. White with delicate pink center; long spike; early.
Mrs. Chas. Door. Light lavender pink.
Pantheon. Salmon-rose; a fine variety.
Richard Wallace. Pure white with distinct violet eye.

NEW PHLOX COLLECTION
OFFERED HERE FOR FIRST TIME

B. COMPTE. Rich burgundy-red; very large and attractive. **Each, 35 cents; doz., $3.50**
GEO. A. STROHLIN. Brilliant orange scarlet, crimson eye; extra large flower and truss; tall. **Each, 35 cents; doz., $3.50.**
MRS. JENKINS. Pure white; paniculata type; early. **Each, 25 cents; doz., $2.50.**
RHINELANDER. Handsome salmon pink, large truss and florets; medium dwarf. **Each, 25 cents; doz., $2.50.**
WIDAR. Attractive violet blue with pure white eye. **Each, 35 cents; doz., $3.50.**

SPECIAL 1 each all five for $1.24
2 each all five for $2.18

WE PAY POSTAGE

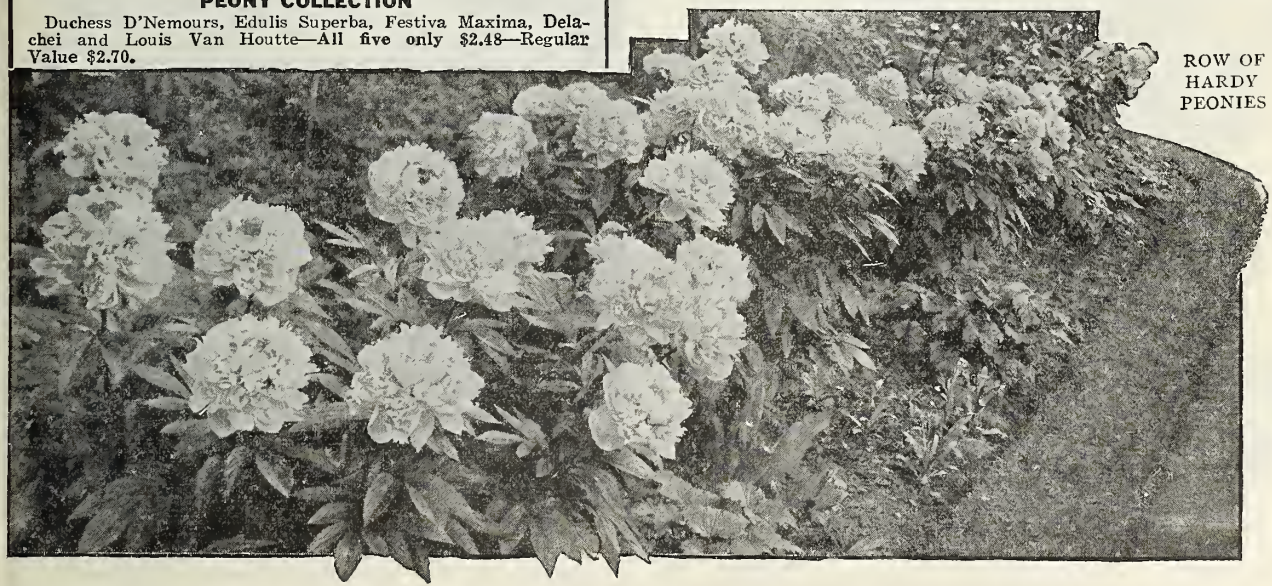
VICK'S GORGEOUS PEONIES

This queen of herbaceous Perennial Plants deserves its increasing popularity because of its beauty, range of color and form, extreme hardiness, ease of culture and freedom from plant pests and diseases. You will find below a choice assortment of different colors and types including the early, mid-season and late kinds.

AUGUSTIN D'HOUR. Large bomb type flower; dark brilliant Solferino red slightly silvery reflex; each 75 cents.
AVALANCHE. Large compact crown type; milk white center; flecked crimson red; each 75 cents.
CLAIRE DUBOIS. Clear deep violet rose. Very large globules rose type. Late. $1.00.
COURONNE D'OR. Large semi-rose type; pure white with ring of yellow stamens around a tuft of center petals; tips carmine; each 60 cents;
DELACHEI. Violet crimson; large rose type, strong grower and free bloomer. 60 cents.

PEONY COLLECTION
Duchess D'Nemours, Edulis Superba, Festiva Maxima, Delachei and Louis Van Houtte—All five only $2.48—Regular Value $2.70.

DUCHESS D'NEMOURS. Pure white; crown type; sulphur white collar, no flecks; fragrant; very early; each 50 cents;
EDULIS SUPERBA. Large; bright mauve pink; flat crown type; very frgarant; the earliest deep pink, usually blooms by Decoration Day, each 50 cents.
FELIX CROUSSE. Brilliant red; fragrant; blooms abundantly; large globular bomb; late mid-season. $1.00.
FESTIVA MAXIMA. Probably the most popular pure white rose type peony, center slightly flecked crimson; early; each 50 cents.
KARL ROSENFELD. Very large compact semi-rose type; dark crimson. Strong grower; one of the best reds. $1.50.
LOUIS VAN HOUTTE. Medium size semi-rose type; deep carmine rose; tipped silver; late; each 60 cents.
MADAME CALOT. Large rose-type; pale shell-pink, center shaded darker; collar tinted silver; fragrant; early; each 50 cents.
MONS-JULES ELIE. Very large bomb; pale lilac rose, collar lighter, shaded yellow at base; fragrant; early; extra. $1.00.
RUBRA SUPERBA. Large compact rose-type; crimson; the best very late red; each 75 cents.



ROW OF HARDY PEONIES

TRITOMA
FLAME FLOWER

ORNAMENTAL GRASSES (For seeds see p. 66)

Ornamental Grasses are very effective in borders and in clumps among shrubbery. They grow very easily and when once started, practically take care of themselves. **Each, 25 cents: 6 for $1.25.**

Erianthus Ravennae. Handsome, ornamental grass for open lawn, or for clumps in the borders of shrubbery.

Eulalia Japonica zebrina. Stripe across the leaf instead of lengthwise.

PHLOX SUBULATA—Moss Pink

The Bride. Fine for the rockery and border, gradually spreading, and forming a beautiful rich green carpet covered with pure white star-shaped flowers, with pink eye. Flowers early in May, **Each 25 cents; 6 for $1.25.**

PLATYCODON Grandiflorum (For seeds see p. 68)

The Chinese Bell Flower. In bloom the entire season. The flower resembles Clematis in size and color. Two varieties, blue and white, two feet high. **Each, 25c ; 3 for 65c.**

PRIMULA, Polyanthus Veris and Superba

We ran across these two varieties in the famous collection of a European plant specialists, which surpassed in flowering capacity and size of bloom any of the strains of Primroses with which we are familiar. PRIMULA VERIS SUPERBA, pure Primrose Yellow. PRIMULA VERIS, a beautiful well-balanced mixture of red and bronze and intermediate shades.

Each 30 cents; 6 for $1.50.

PYRETHRUM (For seeds see p. 70)

Sometimes called Spring Flowering Chrysanthemum. Hardy perennial plant of easy culture, with beautiful, large, daisy like flowers in a variety of brilliant colors, ranging from intense scarlet to pure white. The flowers are borne on long stems and are splendid for cutting, lasting in water longer than almost any other flower. The plants have a long season of bloom.

Each . 25 cents; 6 for $1.25.

SALVIA PRATENSIS or Hardy Sage

A very strong, hardy plant, twelve to eighteen inches high which bears showy spikes of deep blue flowers from June to September.

Each, 25 cts.; 6 for $1.25.

SCABIOSA or Pin Cushion Flower (For seeds p. 61-70)

Caucasica. One of the best hardy plants, producing beautiful lilac colored flowers from June until fall. 18 to 25 inches high.

Each, 25 cents ; 3 for 65 cents.

Columbiaria Pink. Fine light green foliage. Flowers from 2 to 2½ inches across, with short, compact petals borne on long, slender but strong stems.

Each 35 cents; 6 for $1.50.

SHASTA DAISY—New Improved Alaska

A fine hardy perennial, 12 to 18 inches high. The flowers are pure white, with a bright yellow center, average about four inches in diameter, and are borne on long, stiff, wiry stems. Valuable for cutting, remaining fresh for two weeks or more. For seeds see page 70. See picture here.

Each, 25 cts.; 6 for $1.25; 25 or more by express, not prepaid, 15c. ea.

SWEET WILLIAM or Dianthus Barbatus

Illustrated on pages 67 and 70. (For seeds see page 70.)

The best varieties of Sweet William have exceedingly beautiful colors, and are very large and almost perfect in form, with trusses of great size. They are fine as cut flowers. The plants are perfectly hardy. **Holborn Glory** Beautiful shades, center and margin of white. **Dunnett's Crimson.** Dark Crimson. **Pink Beauty.** Beautiful salmon pink. **Scarlet Beauty.**

Each. 25 cents ; 3 for 65 cents; 6 for $1.25.
25 or more by express, not prepaid, 15 cents each.

TRITOMA—Flame Flower

Pfitzeri. A great improvement on the old Tritoma uvaria grandiflora, or Red Hot Poker. The flower spikes which are produced with considerably more freedom than in the old variety, are of gigantic size; frequently 4½ feet high, with heads of bloom over twelve inches long, of a rich orange-scarlet, shading to salmon-rose at edge. Flowers from July until frost.

Each 25 cents; 3 for 65 cents

VALERIANA RUBRA (For seeds see p. 70)

An old-fashioned plant, about two feet high, which blooms from June to October. The flower heads are large and beautiful, bright red in color and of spicy fragrance. Its long spike of fragrant flowers make it an excellent border plant and suitable for cutting. **Each, 25 cents ; 3 for 65 cents.**

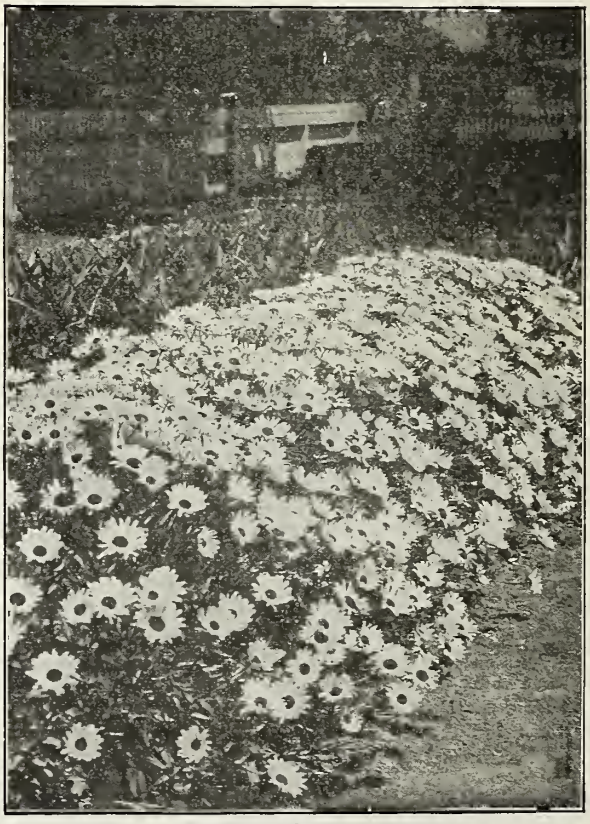
VERONICA—Speedwell (For seeds see p. 70)

Each, 25 cents ; 3 for 65 cents.
25 or more by express, not prepaid, 15 cents each.

Spicata. One of the prettiest of the spring flowering herbaceous plants, bearing pretty blue flowers in long spikes. Valuable both for the garden and for cut flowers. They should be in every garden.

YUCCA—Spanish Bayonet (For seeds see p. 70)

Filamentosa. One of the most decorative and striking of the hardy plants. It is erect and stately, perfectly hardy, and has sharp pointed leaves and large spikes of creamy white, bell-shaped flowers. It grows about four feet high and blooms in August. **Each, 25 cents ; 3 for 65 cents.**



SHASTA DAISY — New Alaska

SPIREA VAN HOUTTEII (Described on page 78)

HARDY SHRUBS at REDUCED PRICES

HARDY FLOWERING SHRUBS are valuable for beautifying home sourroundings and do very much to increase the value of property thus improved, because their beauty increases year after year and require very little care and cultivation. For foundation plantings, for massing in front of walls and fences, for use in connection with the Hardy Perennial garden and for single specimens on the lawn, they are unsurpassed. For mass planting it is always best to use groups of more than one of a single variety with the taller growing kinds in the background.

At prices quoted here, we send hardy shrubs by parcel post or express prepaid to all points east of the Mississippi river, except as noted.

ALTHEA

Rose of Sharon. Beautiful, erect-growing shrubs, of the easiest culture, bearing large showy flowers in early fall. Very desirable because it flowers when few other shrubs are in bloom. Grows 6 to 8 ft. high. **Double Red, Double White and Double Pink. Each, 60 cents; 3 for $1.60.**

BERBERIS—BARBERRY

Japanese. A handsome low-growing form of the Barberry, of Japanese origin. Foliage abundant, leaves small, obovate; flowers reddish; berries bright crimson. In autumn the leaves turn a bright red, making a fine display. A beautiful plant for the lawn or the front of the shrubbery, or for a low-growing ornamental hedge. **Each, 75 cents; dozen, $7.00, postpaid.**

Smaller plants just right size for hedges, dozen, $4.50; 100, $35.00, by express collect..

New Red Leaved Japanese Barberry

A Real Novelty in Shrubs

It is only once in a lifetime that a real worth-while outstanding novelty in hardy shrubs is introduced and in this new Barberry we have such a plant. Similar in all respects except color to the green-leaved Japanese Barberry which is so popular for lawn planting either in single specimens, in a shrubbery border, for decorative groups and hedges. The foliage of this new variety is of a rich, lustrous, bronzy red similar to the rich Red-Leaved Japanese Maple, but unlike these and other colored shrubs in which the coloring fades or disappears entirely as the season advances, this new Barberry becomes more brilliant and gorgeous throughout the summer, and in the fall the foliage changes to vivid orange scarlet and red shades, more brilliant and more effective than the ordinary Japanese Barberry. In this coloring, it is unequalled by any other shrub. After the foliage disappears, it is covered with enormous quantities of brilliant scarlet berries which remain on the plant during the winter. All that is required to produce brilliant coloring in the summer and fall is that it be planted where there is plenty of sunlight.

Each 85 cts.; 6 for $4.50 delivered.

CALIFORNIA PRIVET

The best known plant for hedges. It is very hardy, grows rapidly, and produces very abundant foliage. Can be trimmed requently to conform to the individual idea of beauty and symmetry.

Plants, 12 to 18 inches, 65 cents for 10; $4.50 per hundred.
" 18 to 24 " 80 cents for 10; $6.00 per hundred.
" 24 to 3 ft. $1.00 for 10; $7.50 per hundred.
By Express or Freight, collect. Special prices by 1000.

FORSYTHIA (Golden Bell)

Forsythia Fortunei. These splendid shrubs, growing eight to ten feet in height, light up the garden with glinting masses of yellow blossoms before leaves appear in the spring. Their bright golden flowers, often appearing before the snow is gone, vie with the Crocus as harbingers of spring. Each 50 cents; 3 for $1.25.

Suspensa. (Weeping Golden Bell) The long willowy branches arch very gracefully over to the ground, and are covered to the tips with trumpet shaped yellow flowers in early spring. **Each, 60 cents; dozen, $6.00.**

EVERBLOOMING BUTTERFLY BUSH

BUDDLEIA

The Buddleia is a magnificent new shrub that has given unbounded satisfaction wherever grown. It is perfectly hardy, thrives in all sorts of soils, grows vigorously from two to three feet high, and blooms the first season from spring planting. Add to this the extreme beauty of its flowers, which are borne in great profusion throughout the summer and continue until cut down by severe frost, and the fact that it also makes a splendid pot plant, and you have the explanation of its rapid growth in popularity since its recent introduction.

The flowers of the Buddleia are extremely beautiful. They are of a soft shade of lilac in color and are borne in dense cylindrical spikes, which, under liberal cultivation, are from twelve to fifteen inches in length and three inches in diameter. They have a very pleasing fragrance.

In the spring the old plants should be cut back to the ground and they will throw up a fresh, strong growth.

Extra large field grown plants, each, 40 cents; 3 for $1.00.

EVERBLOOMING BUTTERFLY BUSH

The Butterfly Bush with its charmingly graceful spikes of bloom should have a prominent place in the border or on the lawn.

BEAUTY BUSH

A much talked about and widely written up hardy, attractive, ornamental shrub. Native of far inland China, introduced to America by the famous explorer and horticulturist, Mr. E. H. Wilson. This is a part of his description of it, "Of the many valuable hardy shrubs which our gardens (Arnold Arboretum) have received from the Orient, none is more lovely than Kolkwitzia Amabilis. Related to weigelias and abelias, this new plant exceeds them in hardiness and in beauty. The principal stems are erect and the lateral ones arching, giving the plant a compact habit, and in early June its abelia-like blossoms transforms it into a fountain of pink loveliness. It is a sun loving plant and needs loam and good drainage." Here is a remarkable plant, the distribution of which has just begun on a large scale. We offer our friends an opportunity of acquiring this new and attractive bush ahead of the general sale.

Plants from 2 inch pots, which should blossom the second year, 50 cents each. Two year old plants, 12 to 18 inches, $1.25

CALYCANTHUS

Fine glossy foliage, pineapple scented. Flowers chocolate colored.
Each, 60 cents.

DEUTZIA

The Deutzia is a native of Japan. It is a hardy shrub of fine habit, luxuriant foliage, and a profusion of attractive flowers which bloom from June to September. Our plants of this beautiful and popular flowering shrub are strong and well rooted.

Crenata latifolia. New. Large panicles of eighteen to twenty single blossoms. The flowers are pure white with a center of golden yellow. Very attractive. Strong plants.

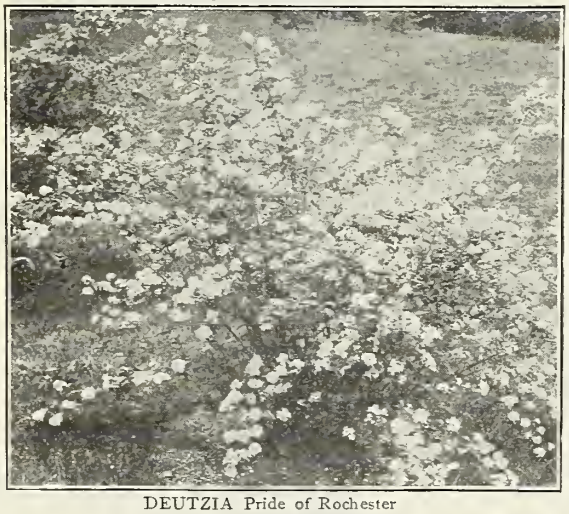
Crenata Magnifica. New. A great acquisition. The pure white double flowers are over an inch in diameter. The plant is vigorous and the flowers are borne in large trusses. Strong plants.

Lemoinei. Flowers single, pure white, and entirely covering the branches. Strong plants.

Pride of Rochester. One of the finest varieties, producing large, double white flowers; the backs of the petals being slightly tinted with rose. Blooms early in June. Strong plants.

Candida. Profuse-flowering; generally hardy, and well adapted to ordinary soils. Double pure white flowers, borne in panicles. Strong plants

Each, 50 cents; all 5 for $2.00.



DEUTZIA Pride of Rochester

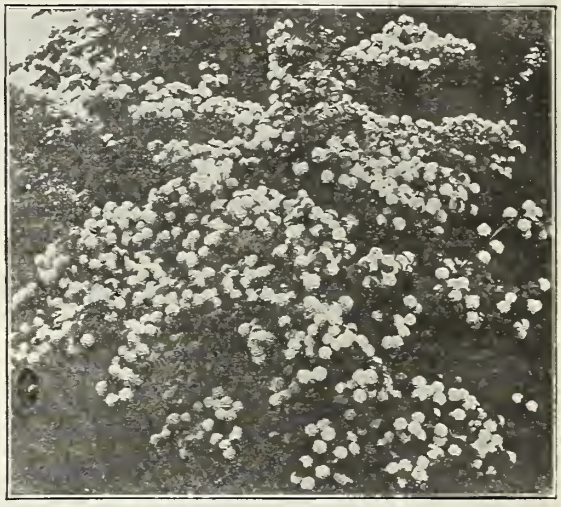
HYDRANGEAS

Aborescens. (Hills of Snow) This is one of the most beautiful hardy flowering shrubs introduced in many years. It attains a height of five to six feet and about the same breadth. It is of more graceful habit than Hydrangea paniculata grandiflora. The form of the panicle is much like that of Hydrangea Hortensis. Trusses large and beautifully formed; the blooms are of the very largest size, pure snow white; the foliage is finely finished. Fine, strong, well-grown plants. Each, 75 cents; 3 for $2.00.

Paniculata Grandiflora. One of the finest hardy shrubs in cultivation. The flower trusses are immense heads from nine to twelve inches in length and nearly as broad. Color purest white, changing to deep pink as the season advances. It blooms in July, at a time when no other shrub is in flower and remains beautiful until destroyed by frost. As hardy as a lilac bush. The plants we offer will bloom the first year. Each, 75 cents; 3 for $2.00.

SNOWBALL

Viburnum plicatum. Japan Snowball. The pure white flowers are very lasting, and the beautiful foliage adds greatly to its attractiveness. 6 to 8 ft.
Each, $1.00; doz. $10.00



SNOWBALL A magnificent shrub

SPIREA, Meadow Sweet

The Spireas are the best known and most popular of all the flowering shrubs. The different varieties cover a long season of bloom and produce blossoms of many different colors. We give a list of the best varieties in many colors.

Arguta. Flowers clear white and freely produced. The very best early-flowering white Spirea grown.

Anthony Waterer. Very low growing, and bearing flat heads of deep rose blossoms all through the late summer.

Bumaldi. The ever blooming Spirea. Dwarf and compact in habit; leaves are bright green, with variegations of yellow; flowers deep pink. Blooms throughout the Summer and Autumn. Very desirable shrub.

Callosa alba. Dwarf White Spirea. A valuable, white flowering, dwarf shrub, one to three and one-half feet high, of bushy, symmetrical form, which flowers all summer.

Aurea. (Golden Spirea.) One of the best of our yellow leaved shrubs.

Thunbergii. (Thunberg's Spirea.) April and May. Low-growing, rounded form, delicate, drooping, yellowish green, lanceolate leaves, which take on and retain the most beautiful tints in Autumn. Small abundant white flowers in May. For planting in front of porches it has no rival.

Prunifolia or Bridal Wreath. One of the best and most admired of the early flowering varieties. This beautiful shrub, which comes from Japan, is very hardy and of medium size, attaining a height of from four to five feet.

Van Houttei. This is one of the finest and most satisfactory of all Spireas, and a leader among shrubs Planted singly or in groups on the lawn, in front of the porch in shrub borders or in a hedge, it makes a beautiful ornament at all seasons. It is very hardy and of compact habit, forming a round and graceful bush with arching branches. Van Houttei Spirea is well covered with neat, green foliage, which in early summer is completely hidden beneath clusters of beautiful large pure white flowers. Our illustration on the preceding page gives a splendid idea of its effective use in shrub border.
Any variety above, each, 50 cents; 3 for $.125.

SYRINGA (Philadelphus, Mock Orange)

A graceful, very attractive shrub, bearing profusely white, showy, very fragrant flowers. It is well adapted for massing or for individual specimen plants. It thrives on any well-drained soil and even under trees. Pruning should be done immediately after flowering.

Syringa, Grandiflora. Large white flowers.
Each, 50 cents; 3 for $1.25.

The Spireas are the best known and most popular of all flowering shrubs. The best varieties are listed above.

LILACS

Lilacs have always been popular on account of their hardiness, vigorous growth, abundant foliage, graceful and luxuriant sweet-scented flower panicles. The large flowered Red, White and Purple, are among the most desirable tall growing shrubs, attaining a height of eight to ten feet. The named varieties grow somewhat smaller.

At Highland Park in Rochester, which has one of the most complete collections of lilacs anywhere in the country, the varieties we list here stand out pre-eminently as the most desirable, because of their hardiness, vigor, free-blooming qualities and beautiful shades.

Large flowered, red. Purple-red flowers, standard variety. **75 cents each.**

Large flowered, purple. Bluish-purple flowers, standard variety; always good. **75 cents each.**

Large flowered, white. Cream white flowers; very fine. **75 cents each.**

Pres. Grevy. The most popular blue variety. A profuse bloomer; flowers double, blue and very fragrant. **Each, $1.00; doz. $10.00.**

Charles X. Large shining leaves; trusses large, rather loose, flowers single, reddish-purple. **Each, $1.00; doz. $10.00**

Ludwig Spaeth. Planted very extensively in all parts of the country. Trusses large, flowers single purplish red. Very desirable. **Each, $1.00 doz. $10.00**

Frau Dammann. One of the most popular and a leading variety. Large panicles of single white flowers, in great profusion. **Each, $1.00; doz. $10.00**

Josikaea. (Josika's or Hungarian Lilac). Dark, shining leaves, and purple flowers in June, after the other Lilacs have done flowering. **Each, $1.00; doz. $10.00**

TAMARIX

Hardy shrub, with very graceful and handsome featbery foliage. The plant flowers so freely that in the early summer it is one mass of pink bloom, completely hiding the foliage Grows 12 to 15 ft. **Each, 50 c.; 3 for $1.25.**

WEIGELA, Diervilla

The Weigela is a strong shurb, erect while young, gradually spreading and drooping into most graceful shapes with age. Its flowers, large and trumpet shaped, are borne in clusters thickly along the branches. Blooms soon after Lilac,

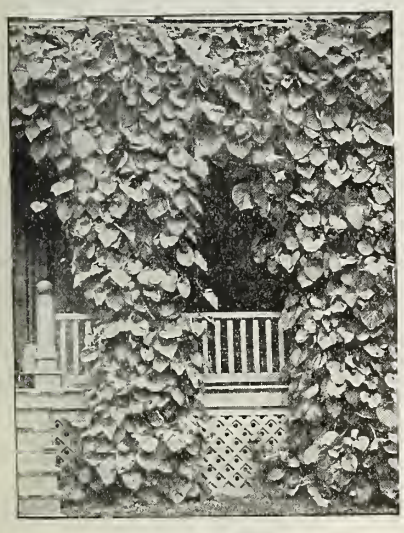
Candida. This is the verybest of all the white flowering Weigelas. A strong upright, erect grower; flowers pure white, and produced in great profusion Commences to bloom in June, 3 ft. **Each, 75 cts.; doz, $7.00.**

Eva Rathke. A charming new variety; flowers a beautiful, distinct, clear shade of crimson. Blooms twice each season. 3 ft. **Ea, 75 cts.; doz, $7.50.**

Rosea. A hardy and beautiful shrub, bearing in May a profusion of rose-colored flowers. Will grow in shade, **Each, 60 cents; dozen, $6.00.**

Variegated. Leaves variegated, green, yellow and pink. Flowers delicate rose and pink. A charming shrub. **Each. 75 cents; dozen, $7 00**

We shall be pleased to make special quotations on large quantities of shrubs and plants for extensive plantings.



DUTCHMAN'S PIPE

Vick's Hardy Vines

AEGEPODIUM

A low growing vine with variegated leaves and occasionally pink blossom. Does well in shade. Grows anywhere. Spreads very slowly. Makes excellent border or cover.

Each 25 cents; 6 for $1.25.

AMPELOPSIS

Veitchii. Japanese or Boston Ivy. This hardy variety clings firmly to the side of a house or wall, and will soon form a perfect mass of foliage. The leaves overlap with wonderful regularity. In autumn this handsome climber manifests its greatest beauty, becoming a glowing mass of the brightest shades of crimson, scarlet and orange.

Strong vines, each, $1.00; dozen, $10.00

Quinquefolia, American Ivy or Virginia Creeper. A native climber of vigorous growth; fine green in summer changing to rich crimson in fall. It affords shade quickly; desirable for covering walls, verandas or trunks of trees. **Strong vines, each, 60 cents; dozen, $6.00.**

CLEMATIS

Clematis is a favorite climbing plant for trellises, porches, and fences. It makes a rapid growth, producing its showy flowers in great profusion. Its abundant foliage and wealth of bloom combine usefulness with beauty.

Jackmani. Flowers large, intense violet-purple; produced in great profusion, blossoms from four to six inches in diameter. The most beautiful hardy climber in cultivation. **Each, $1.00; dozen, $10.00.**

Paniculata. A remarkably beautiful climbing plant. Flowers pure white, star-shaped, about one inch in diameter, borne very freely in large clusters; will last several days as cut flowers, retaining their freshness and fragrance. The plant is a strong, quick grower. One of the most desirable and useful of climbing plants. Medium size plants each 50c; 3 for $1.25.

Large plants, each 75 cents; dozen, $7.00.

AKEBIA QUINATA

A hardy, strong growing, Japanese climbing plant, with curious purplish flowers, ornamental berries and handsome compound leaves, composed of five leaflets. An interesting plant. **Each, 60 cents; doz., $6.00.**

ENGLISH IVY

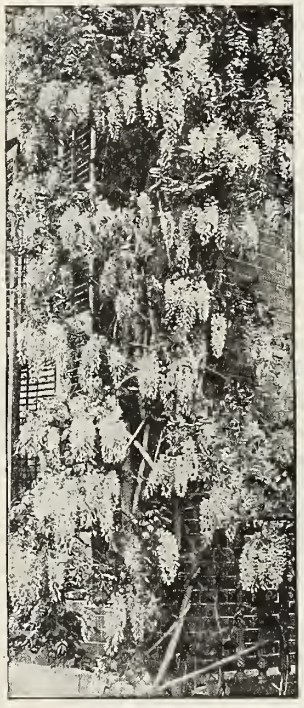
Extensively used for window boxes and vases in the summer. For outdoor display in window boxes at hotels and private residences its value is widely recognized. A good climbing plant for the house.

1 year each, 25 cents; doz., $2.50. 2 year, each, 35 cents; doz. $3.50

TRUMPET VINE

Tecoma radicans. A fine, hardy, climbing plant, producing clusters of large, trumpet-shaped, orange-scarlet flowers about three inches long. The foliage also is very beautiful. If the tops are kept cut back, it makes a beautiful bush for the lawn.

Each, 50 cents; 3 for $1.25.



WISTARIA

CINNAMON VINE

A very rapid climber of incomparable beauty, with flowers of exquisite perfume. The growth is very rapid and the vines cover a large space in a short time. It is grown from a tuber, is perfectly hardy and will live out of doors without protection. The vine dies to the ground each fall, and starts growth early in the spring.

Tubers, Each, 25 cts.; dozen, $2.50.

DUTCHMAN'S PIPE

Aristolochia Sipho. A very handsome rapid-growing hardy climber attaining a heigbt of 30 feet or more. The picture to the left clearly shows the large attractive overlapping foliage. **Each $1.00; dozen, $10.00.**

HONEYSUCKLE

Hull's Japan. A vigorous rapid growing nearly evergreen climber, native of Japan. Leaves are dark green and produce a dense covering. Flowers are white changing to yellow, deliciously fragrant, borne in great profusion in summer and sometimes in Autumn. **Each, 50 cts.; 3 for $1.25.**

Pink. Each, 40c, 3 for $1.00.

WISTARIA Chinese Purple

Wistaria is a strong, rapid grower, desirable for trellises porches, etc. When well established it blooms profusely. The light purple flowers are very showy, and are produced in long racemes. A large plant in bloom is a beautiful sight. Perfectly hardy. **Strong Roots, each, 75 cts doz $7.50.**

At above prices we prepay Parcel Post or Express charges to all points within the 5th zone except as noted.

Mountain Plants or Alpines

One of the most interesting classes of plants rapidly increasing in popular favor. Especially adapted for rock gardens, borders, beds, cemeteries, dry banks and severely exposed places where few other plants would succeed. When well established and laden with their masses of blooms, they are unsurpassed in beauty of color and gracefulness of form and foliage.

This list embraces a wide range of color, foliage and type of flower and plant.

Each, 25 cents; 6 for $1.25, except as noted.

AJUGA, REPTANS. Grows well in shady places; 3 or 4 inches high, with deep purplish hlue flowers.

CAMPANULA, CARPATICA. Grows in compact tufts ahout 8 inches high; flowers intense hlue. Blossoms all summer.
Each, 35 cents; 6 for $1.75.

CALAMINTHA, ALPINA. Very graceful plant ahout 6 to 8 inches. Purple flowers.
Each 35 cents; 6 for $1.85

CRUCIANELLA,, STYLOSA. Early flowering, flowers ball-shaped; hright purple. Beautiful, unique.
Each 35 cents; 6 for $1.75

DIANTHUS, CAESIUS. Beautiful, Fragrant, May-flowering, rose color. Attractive foliage.
Each 35 cents; 6 for $1.75

DIANTHUS, DELTOIDES. Blossoms June to July. Crimson flowers. Beautifnl plant with narrow leaves.

ERYSIMUM, PULCHELLUM. (Fairy Wall Flower). Dwarf plant, does especially well on dry hanks. Fine for front row of horder. Completely covered with sulphur yellow flowers in the spring months.

LINUM, PERENNE. Both foliage and hlooms very attractive. Flowers delicate hlue on slender, graceful stems.

OENOTHERA, MISSOURIENSIS. (Evening Primrose). Blossoms profusely from June to August. Flowers often 4 inches across.
Each 35 cents; 6 for $1.75

PHLOX SUBLATA, ALBA. (Moss Pink). Pure White.

PHLOX SUBLATA, ROSEA. Thrives in hot, dry locations, and hlooms profusely. Rose-pink. Fine for covering hanks.

PLATYCODON, GRANDIFLORA. (Balloon Flower). Blossoms all summer. Large, showy, deep blue flowers. Height, ahout 18 inches.

POLEMONIUM, COERULEUM. (Jacoh's Ladder). Blossoms in Jnne and July. Height, 1 to 1½ ft. Sky hlue flowers on erect stems.
Ea. 35 cents; 6 for $1.75

POTENTILLA. Charming plant which succeeds anywhere. Blossoms profusely from June to August. 18 inches.
Each 35 cents; 6 for $1.75

PRUNELLA, GRANDIFLORA. (Heal-all). Succeeds in any soil if not too dry. Blossoms all summer. Flowers violet or purple.
Each 35 cents; 6 for $1.75

PRIMULA, VERIS. Various shades of lilac, purple and violet, huff, orange and salmon.
Each 35 cents; 6 for $1.75

SAPONARIA, OCYMOIDES. Especially fine for horder.
Each 35 cents; 6 for $1.75

SEDUM, ACRE. (Golden Moss.) Will grow anywhere. Especially fond of sand and sun. Flowers hright yellow.

SEDUM, ALBUM. Dwarf and spreading. Thick, waxy, round foliage, white flowers.

SEDUM, SARMENTOSUM. The hest Sedum for filling seams hetween rocks in wall garden. Grows rapidly.

SEDUM, SPURIUM. Beautiful rosy crimson flowers; July and August; 6 inches.

SEMPERVIVUM, TECTORUM. (House Leek). Curious, interesting plants with hroad rosettes. Leaves tipped reddish hrown. Flowers pale red.
Each 35 cents; 6 for $1.75

SILENE, SCHAFTA (Autumn Catchfly) Makes a charming horder with masses of hright pink flowers from July to Octoher; 6 inches
Each 35 cents; 6 for $1.75

TUNICA (Coat Flower). A tufted plant with light pink flowers produced all summer.

VIOLA CORNUTA. Blossoms from May to Octoher, provided they are cut hack several times to prevent seed from forming.

One plant each of these 25 fine varieties (value $7.45) for only $6.00

CHRYSANTHEMUMS

Hardy Garden Chrysanthemums

These are the very best of all Chrysanthemums for planting out of doors, and they are growing in popularity each year. Are perfectly hardy, and the flowers, which are not injured by the early frosts, give a fine show of bloom in late Autumn.

They can easily be transplanted to pots, and thus brought inside to furnish beautiful double flowers during the late fall. After they are through blooming they can be cut back and planted in the garden again to bloom next season.

FIELD GROWN PLANTS

Each, 25 cents; dozen, $2.50.

Autumn Glow. Deep pink.
Cometo. Dark rose shaded magenta. Strong upright stem. and yellow center; good size.
Excelsior. Yellow, strong vigorous plant, large flowers, new.
Flora. Large pure white.
Indian. Red, shaded bronze.
L'Argentuillais. Deep, chestnut.
Lucifer. Dark purplish red.
Marie Antoinette. Rose.
Miramar. A fine early bronze. A very large flower, incurved petals.
Normandie. Pink; very fine.
Old Homestead. Dark red.
White Doty. Beautifully formed large white flower, strong erect plant.

Large-Flowering Chrysanthemums

The glorious blooms of the Large-Flowering Chrysanthemum are easily the largest and most showy flowers of late autumn and early winter. In a warm fall the Large-Flowering Chrysanthemums bloom well into October and November in the open ground. But a good way is to cultivate the plants in the garden, with plenty of room in good, rich soil, until the first of September, when they may be safely transferred to pots. Give a thorough watering and set in a shady place for a few days, after which they may be exposed to the full light in a room of moderate temperature.

Each, 25 cents; dozen, $2.50.

Comoleta. Bright yellow. Fine for pot culture.
Gladys Pearson. A hrilliant combination of huff, apricot and orange. Splendid grower with handsome foliage. Beautiful incurved form. Blooms ahout Nov. 20.
Golden Glow. The earliest of all. Fine golden-yellow with velvety finish.
Major Bonnaffon. Soft yellow, incurved type; flowers large and full.
Oconto White. A fine new white early flowering.
Pink Seidewitz. Fine incurved type, large flower.
Sun Glow. A hrilliant yellow of Bonnaffon type hut earlier and larger; very smooth, incurved. One of the handsomest. Blooms ahout Oct. 20.
Sun Gold. Very heautiful and unique. Flowers large with hroad surface. Petals quilled.
White Bonnaffon. Pure white. Popular incurved type.
Whittier. Same form and color as Bonnaffon hut earlier.
White Seidewitz. Fine large flowers, incurved type. Late.

VICK'S COLLECTION OF HARDY GARDEN VARIETIES

Six Fine Plants for $1.25

Cometo. Dark rose.
Excelsior. Yellow.
Flora. White
Miramar. Bronze.
Old Homestead. Red.
Indian. Red-hronze.

VICK'S COLLECTION OF LARGE-FLOWERING CHRYSANTHEMUMS

Six Fine Plants for $1.25

Comoleta. Bright yellow.
Oconto. Early white.
Golden Glow.
Pink Seidewitz.
White Bonnaffon
Major Bonnaffon. Yellow.

HARDY GARDEN CHRYSANTHEMUM
L'ARGENTUILAIS
Plants, each 30c
Dozen $3.00
See opposite page
CHRYSANTHEMUM
LARGE FLOWERING
MAJOR BONNAFON
Plants, each 30c; doz. $3.00
See opposite page
1
2
3
4
5
Perennial
Phlox Plants
1—Richard Wallace 3—Frau Von Lassburg
2—Lothair 4—Esclamonde
5—P. Le Island
Each 25c; doz. $3.00 One each, 5 plants, $1.25
These and other varieties described on page 75
GLADIOLUS
PRINCE OF WALES
Bulbs, each 15c; doz. $1.25
See page 85

PINK KILLARNEY
ANNA DE DIESBACH
OPHELIA
SNOW QUEEN
(Frau Karl Druschki)
RADIANCE
GRUSS AN TEPLITZ
RAINBOW ROSE COLLECTION
One year old plants 30c ea.
One each variety
Regular Value $1.80
SPECIAL PRICE ONLY $1.60
Two year old plants 70c ea
One each variety
Regular value $4.20
SPECIAL PRICE ONLY $3.90

Vick's Hardy Rose Collection

Illustrated in color on opposite page.

2 yr. plants each 70 cts.; all 6 for $3.80

This collection of six choice Hardy Roses has been so popular that we repeat it this season. These varieties have been carefully selected and include some of both of the Hybrid Teas and Hardy Perpetuals. All are varieties of proved merit.

Killarney Pink. A Rose that has won fame both as a hardy garden variety and as a winter cut flower. It has large long pointed buds of a sparkling brilliant pink opening to large loose blooms of a beautiful flesh color, borne on long strong stems. Hybrid Tea.

Anna De Diesbach. A lovely shade of light carmine pink. Very large, double flowers. Very vigorous grower and hardy. Hardy Perpetual.

Frau Karl Druschki. (Snow Queen). An immense pure white perfectly double Rose, sometimes almost six inches in diameter, abundantly produced in June and if kept growing, continuous blooming all summer. Hardy Perpetual,

Ophelia. Words can give only a faint idea of the superb beauty of this rose. The beautifully formed fragrant flowers are a delicate shade of salmon pink shaded with rose. The buds are unusually attractive and open full and double. Blossoms profusely all summer until frost. Highly desirable both for outdoors as well as greenhouse culture. Hybrid Tea.

Gruss an Teplitz. Color a rich scarlet, shading to velvety crimson; very fragrant, a free strong grower, and the most profuse bloomer known, being covered with flowers the whole season. Hybrid Tea.

Radiance. A glorious new Rose of American production. Vigorous, upright bushy plants, bearing a continuous supply of very large, beautiful, brilliant carmine pink blooms with yellow or salmon pink shadings at the base of petals.

Choice Hybrid Tea Roses

The Best We Have Ever Offered

The Same High Quality at Lower Prices.

We recommend the following varieties, with those above, as being pre-eminently the best and most satisfactory list obtainable in their range of color and form. As we shall have a large stock we have reduced our prices to the lowest point consistent with quality.

2 yr. each 70 cents; 3 for $1.95

1 yr. each 30 cents; 3 for 85c

American Legion. Buds produced on long stiff stems of immense size, long and pointed, opening a pleasing shade of cerise which keeps until all petals fall. An ideal rose for cutting. Absolutely hardy in all sections.

Cheerful. Pure orange flame. Of fine form. Flowers freely and continuously.

Constance. Buds long, orange yellow streaked with red, flowers golden yellow, full and globular. Free bloomer.

Columbia. Peach-blow pink, deepening to a glowing rose pink. Flowers of good size and form on long stiff stems nearly thornless. Exquisitely fragrant

Double White Killarney. An improvement over White Killarney.

Duchess of Wellington. Intense saffron yellow changing to deep coppery yellow. Buds long, flowers large, well formed. A good bloomer.

Dorothy Page Roberts. Large, open, coppery pink blooms, suffused apricot - yellow. A most attractive and unique variety; very vigorous and free-flowering.

Etoile Luisante or Baby Herriot (Poly). Color shrimp pink with intense coppery scarlet suffusion. Most beautiful rose in its class. Sure to please.

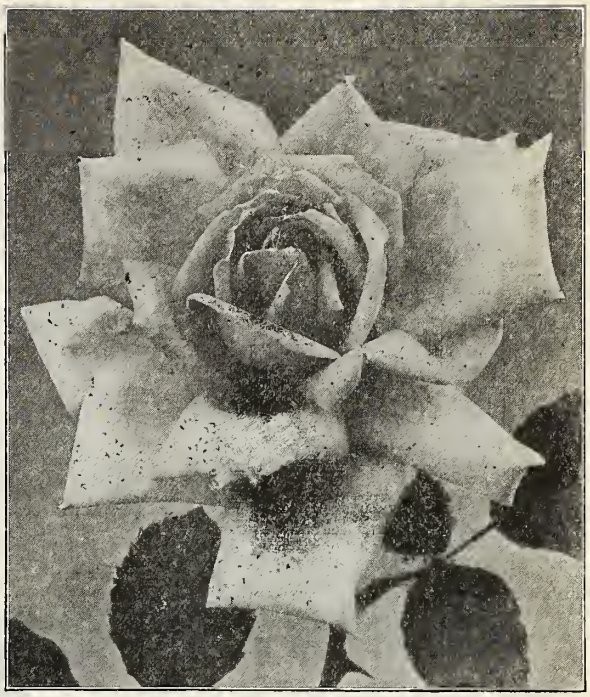
Etoile de France. Brilliant shade of clear crimson velvet. Center velvety cerise. Large flowers, long stems. Vigorous, free blooming and hardy. Especially valuable as an outdoor variety.

Francis Scott Key. A rose of even glowing red color; flowers unusually large, full and double; buds long and pointed.

Golden Emblem. One of the most beautiful yellow roses ever grown. Flowers so freely that as a garden and bedding rose it is without a rival.

Golden Ophelia. An Ophelia seedling. Sturdy, stiff stems with beautiful glossy foliage. Flowers medium size, excellent texture of bright golden yellow. As an indoor rose it makes several crops throughout the year. Blooms profusely.

Gorgeous. Flowers full, large and exquisitely formed of deep orange flushed copper yellow, heavily veined with reddish copper. Beautiful, strong, vigorous.



LOS ANGELES (One of the best Hybrid Teas)

George Ahrends. Bright red to delicate rose. Extremely large, full and deliciously fragrant. Very floriferous. Long, stiff stems.

Hoosier Beauty. A glowing crimson scarlet with delicate shadings; rich velvety texture; deliciously fragrant; plant is of strong vigorous growth; one of the best roses of its color.

Lady Ursula. Delicate flesh pink, petals gracefully reflexed. Vigorous upright growth. Large blooms on long stems. Does well in dry places.

Laurent Carle. Very large, full, fragrant carmine crimson borne on long strong stems. Blooms continuously until fall.

Los Angeles. Without question one of the finest roses ever introduced; the color is luminous flame pink toned with coral and shaded with translucent gold at base of petals; the buds are handsome, long and pointed; richly fragrant.

Lady Hillingdon. Deep apricot yellow, unique in having solid color without any shading. The color never fades even after the flowers are cut but invariably deepens.

Mrs. Arthur Robert Waddell. Long pointed deep apricot buds, are unusually attractive. Exquisitely graceful rose petaled orange salmon flowers. Soft bronzy foliage.

Mrs. Calvin Coolidge. Clear buff, yellow flowers, suffused with orange in the center. Medium size, well formed, double, fragrant.

Magna Charta. Extra large, full bright rosy pink flower of unusual depth, form and fragrance. One of the hardiest and best bloomers.

Madame Edouard Herriot; Coral red shaded yellow and bright rosy scarlet. Famous "Daily Mail" Rose.

Madame Butterfly. Similar to Ophelia but a stronger grower, producing more and larger flowers. Color a blending of bright pink apricot and rose. Intensified Ophelia.

Miss Lolita Armour. Very large, full fragrant blooms chrome yellow at base changing to burnt orange and copper, reflex of petals changing to bright salmon.

Prince Camille de Rohan. Deep velvety crimson, passing to intense maroon shaded black. Large, handsome, fragrant blooms. Sometimes called the black rose.

Persian Yellow. From Persia. Bright yellow, small double, foliage, faintly scented.

Red Radiance. A fitting companion of the famous Rose Radiance of which it is a sport. It has all the good qualities of the parent and differs only in the beautiful deep cerise red color of the large globular blooms.

Souvenir de Claudius Pernet. One of the finest new introductions. A striking sunflower - yellow, deeper in center. Very large full flowers with elongated petals, and long pointed buds of exquisite shape.

Sunburst. Bright glowing orange blooms, paling slightly at edges of petals. The beautiful bronzy foliage is disease resistant.

Wm. F. Dreer. Soft silvery shell pink with rich golden yellow at base Blooms shaped like Los Angeles. Very beautiful.

White Killarney. A beautiful white rose of the same type and shape as the famous Pink Killarney; the long full buds are handsome and the open flower is most refined and beautiful in form and texture.

Hardy Hybrid Perpetuals

Each 75 cents; dozen, $8.50.

Soleil d'Or, or Sun of Gold. Magnificent golden orange, shaded nasturtium red. Very large and full; free blooming. Extremely hardy.

Paul Neyron. A rose of immense size. One of the largest in existence Deep rose in color. It has very attractive foliage. Very vigorous and hardy.

Gen. Jacqueminot. Rich crimson-scarlet, very bright and velvety. It produces beautiful buds that are much admired, and in great demand.

Mrs. John Laing. Delicate pink; large, fine form; very fragrant, Flowers continuously the entire season in the open ground

Marshall P. Wilder. One of the most desirable Hardy Perpetuals. Bright crimson - scarlet, very large, full, globular, very fragrant.

Ulrich Brunner. (Hardy American Beauty) Brilliant, cherry red, flowers of immense size and globular form. Strong and disease resisting.

Acres of Hardy Climbing Roses

We raise thousands of Roses in our nurseries. Developed under ordinary field culture, here in this northern climate, they have a hardiness and vigor not possessed by much stock grown now a days. These two old plants have the strength to develop hardy vigorous, floriferous stems in one season. If planted early this spring, many will bloom this summer. We have a large stock of the varieties listed here this year and make our prices very low.

2 yr. 60c each, 3 for $1.60
1 yr. 30c each, 3 for 85c

Climbing American Beauty. Bright red. One of the best hardy climbing roses in the large-flowering class. The flower is large and beautiful.

Christine Wright. A climbing Hybrid Tea. Flowers large, double, perfect. Bright, wild rose pink. Blooms singly and in clusters, profusely in June and more or less throughout the season. Immune to disease. Strong, climbing habit.

Dorothy Perkins. In foliage, growth, and habit of blooming it is remarkably like the Crimson Rambler, but the flowers are more double and of a beautiful shell-pink color, and hold a long time without fading. The flowers are also sweetly scented, a characteristic not possessed by most Roses of the Rambler family.

Paul's Scarlet. An extra fine semi-double climber which flowers, in great profusion.

Lady Gay. Resembles Crimson Rambler in habit and general effect. The flowers are of a delicate cherry pink color fading to soft white of good size and delicately perfumed.

Red Dorothy Perkins. This one of recent introduction has gained great favor among rose growers. The flowers are large and double and are produced very freely. The color, which is an intense, clear crimson-maroon with tips of petals tinged scarlet, remains bright and unfaded throughout the blooming period.

Silver Moon. Beautiful pure white semi-double flowers four inches and over in diameter, beautifully cupped. The yellow stamens in the center add to its attractiveness.

Tausendschon—Thousand Beauties. Tausendschon well deserves its name, "The Rose of a Thousand Beauties." Its free flowering qualities and beautiful white and delicate pink blossoms make it a favorite. The flowers are borne in large clusters from June to August. Each flower measures about one and a half inches in diameter, and is of a beautiful soft rose color, changing to rosy-carmine; The strong, vigorous hardy plants and attractive foliage are highly resistant to disease and insects.

Rambler Roses

Strong, two-year field grown plants, each 75 cents; dozen, $7.00.

Crimson Baby Rambler. A Dwarf Rose that blooms from early June to December. This beautiful rose produces clusters of flowers as large as the old Crimson Rambler. The color is a charming brilliant red, and it blooms with great profusion.

Crimson Rambler. The Old Favorite Rambler Rose. Bright crimsonflowers in great clusters.

Baby Tausendschon. Dwarf form of the climber of the samename. Truly a "Rose of a Thousand Beauties." A mass of lovely pink and white blossoms all summer.

White Rambler. Another favorite growing like Crimson Rambler with white flowes in great clusters.

Yellow Rambler. Deep golden-yellow flowers in large clusters the entire bush.

Vick's Moss Roses

The peculiarities of the Moss Roses are the delicate prickles which crowd their stems, and the beautiful mossy covering of their opening buds. They are strong, vigorous growers, and are perfectly hardy.

2 yr. 70c each, 3 for $2.00
1 yr. 35c each, 3 for 90c

Henri Martin. A magnificent Moss Rose. Extra large and perfectly double. Color a deep rosy carmine, shaded a bright crimson.

Madam de la Rochlambert. Bright pink.

Princess Adelaide. Pale rose; good in bud and flower; foliage dark.

Pot Plants for Indoors

One year green plants, with foliage ready to bud. Hardy enough to do well in the garden if set out in spring after cold weather.

Each, 35 cents; 4 for $1.25

Maman Cochet. Rich pink, changing to silvery rose.

Mons. R. Arnand. Deep pink, beautifully tinted; finely formed.

Ophelia. Salmon-flesh, shaded with rose.

White Killarney. Soft, pure white; very popular.

Tender Everblooming Tea Roses

One year green plants ready to bud.

Each, 35 cents, 5 for $1.50

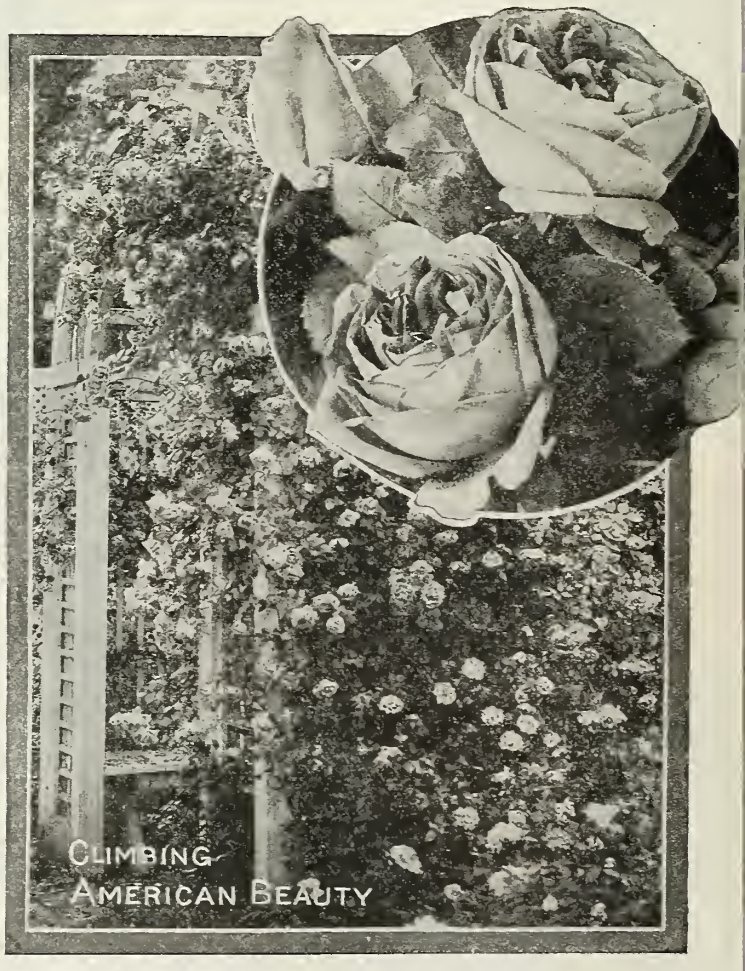
Lady Hillingdon. Golden yellow; long, pointed buds.

Madame Camille. Rosy flesh color; very large

Madison. Creamy white, large flowers.

Mrs. Ben. R. Cant. Clear, bright rose-red; all season.

Perle des Jardins. Deep yellow; very popular.



Tausendschon, the Rose of a Thousand Beauties is one of the most satisfactory climbers. It is one of our specialties.

VICK'S HARDY LILIES

WE are growing more varieties and larger quantities of Lilies each year on our own bulb farms, near Rochester, where because of favorable soil conditions and our experience in Lily growing, we are able to secure unusually fine bulbs. Some of our Lilies come from Japan and other far-away places, but whether grown on our own farms or coming to us from other experts in Lily growing, our bulbs are true Vick's Extra Value.

Lilies should be used more and more extensively in the hardy border. By planting different varieties a succession of bloom may be had from the first of June until the latter part of Sept. These flowers are not only very valuable as beautiful flowering plants in the garden, but are very handsome as cut flowers for the house.

	EACH	3 FOR
Auratum, the Gold-Band Lily of Japan. A favorite variety for outside purposes. No garden, however small, should be without it. Its ease of culture and magnificent flowers of a delicate ivory color thickly dotted with chocolate-crimson spots with a gold band running through the center of each petal, make it one of the most desirable varieties of garden lilies. Blooms about July 20th. Although quite hardy, for best results an extra covering should be given the bulbs in the winter. **Extra strong bulbs, imported direct from Japan.**	50	$1 25
Canadense. Our native Lily; flowers drooping, delicate scarlet-yellow throat, spotted black. Blooms about July 10th. Two to three feet high	50	1 25
Elegans, Best Red. Light red.	50	1 25
Elegans sanguineum. Blood-red	50	1 25
Elegans Incomparable. Deep crimson, slightly spotted with black.	50	1 25
The above three varieties of Elegans bloom about July 1st.		
Elegans Batemanni. A beautiful Japanese variety; flowers upright, of clear apricot-yellow; strong and hardy; should have a place in every garden. Blooms about July 15th.	50	1 00
Harrisii. (Easter Lily.) The flowers are pure white, trumpet-shaped, and are unexcelled in beauty by those of any other species, while the fragrance is simply exquisite. Especially used for indoor growing. By starting the bulbs at intervals of a few weeks, a succession of bloom may be had for a long time.	50	1 25
Longiflorum Multiflorum. Pure white trumpet-shaped flowers. Splendid for growing in pots for Easter flowering, and very desirable for outdoor planting, being quite hardy; two to three feet high; blooms in June outdoors. Easily grown indoors	50	1 25
Speciosum Album. The Speciosum or Lancifolium are the most important of all the Japanese Lilies. Always satisfactory. The Album has large white flowers of great substance, with a greenish band running through the center of each petal.	50	1 25
Speciosum Rubrum. White and rose; rich crimson spots. Extra fine.	50	1 25
Speciosum Melpomene. Crimson, spotted with deep blood-red; each petal distinctly bordered with white. Same habit of growth as Rubrum; stem dark and color of flower much deeper	50	1 25
The above three bloom about August 15th.		

VARIEGATED LEAVED DAY LILY

LILIUM AURATUM OR GOLD BAND LILY of JAPAN

Japonicum Longiflorum. The hardy Easter Lily. Very fragrant. White, trumpet shaped. Blooms about July 20th.	50	1 25
Henryi (The Yellow Speciosum) Rich apricot yellow, spotted with brown, Same type of flower and habit of growth as other Speciosum lilies. Very hardy and vigorous grower	60	1 50
Tigrinum splendens. Improved Tiger Lily. Perfectly hardy, and most desirable for planting in the border with other hardy plants. Blooms about August 1st	50	1 25
Tigrinum fl. pl. Double Tiger Lily. Blooms about August 15th	50	1 25

SUPERB LILY COLLECTION

Our most popular combination offer of lilies covering a wide range of classes selected for garden planting.

One each, Longiflorum, Rubrum, Melpomene, Album, Elegans Incomparable, Tigrinum Splendens, 6 extra choice bulbs, $2.50 postpaid.

VICK'S DAY LILIES

The Day Lilies are superb autumn flowers, desirable for planting on the side of a lawn or at the edge of shrubbery. They do well in shade and are much prized on that account. The plants can be set in autumn, and may be protected by a light covering of leaves the first winter after setting out.

Price, except as noted, each 40 cents; 3 for $1.00

White Day Lily—Funkia Alba. Broad light green leaves. Flowers large pure white, fragrant.

Blue Day Lily—Funkia Japonica. Light blue; narrow foliage.

Variegated Leaved Day Lily—Funkia undulata media picta. Lavender flowers. Foliage light green, beautifully variegated with white. **Ea. 50c.**

Hemerocallis aurantiaca major, Golden Day Lily. One of the very finest hardy herbaceous plants. The plant is extremely vigorous in its habit; The large and attractive foliage rises to a height of two feet, and is of a deep green. The flower spikes are strong, bearing in succession as many as twelve flowers which are seven to eight inches across; of a rich orange-yellow. A very remarkable variety. Each 60 cents; 3 for $1.50.

Hemerocallis flava. Lemon Day Lily. A fine, hardy plant, producing an abundance of large, fragrant, golden-yellow flowers.

DAY LILY COLLECTION

One each of the 5 varieties described above for $2.00, postpaid.

LILLIUM MYRIOPHYLLUM

Regale. A new lily of unusual merit, coming originally from Northwestern China. The white flowers are delicately suffused with pink and are shaded with a beautiful canary yellow at the center. Delightfully fragrant. Absolutely hardy and will grow almost anywhere. Also splendid for forcing. Blooms about July 1st. **Each, 45 cents; 3 for $1.20.**

No garden is complete without a few lilies. In the hardy border, in perennial beds, in almost any setting they are superb

EXCEPTIONAL DAHLIAS

The Cream of Modern Varieties

Remarkable developments in the Dahlia is taking place at present, and the Dahlia of today is immensely superior to tbose of yesterday. We offer here a page of the newer and better kinds, every one distinct and of bigh merit. Every one is long stemmed, continuous and abundant flowering.

No plants are easier to grow, respond more readily to care, flower more freely, and few show such a wide range of color.

The Dahlia sbould be planted from May 1st to June 15th for best results, in a moderately rich soil, covering tbe tubers 3 inches deep. Thin to one or two shoots, and when the plant is 6 inches high, cut it off above the second joint to make it bush out. Give plenty of water and sunsbine. Stir only the surface soil.

NEW AND RARE DAHLIAS

The Emperor. An exceptional variety. Its enormous size, its beautiful deep color, the perfect form of the flower, and the extra long stems make this a magnificent prize winner of higbest quality. The flower is made up of long, flat petals, in color a rich, purplish-maroon so intense that it does not spot under any weather conditions. **$1.00 each.**

Mildred Alger. A rare novelty, pale sulphur yellow, attractively striped, splashed and marked deep maroon. Free-flowering. **$1.00 each.**

Paul Michael. Decorative. Can be grown to majestic size for exhibition but should be shaded a week before showing. This variety is one of the largest and most beautiful and it is a pleasure to recommend it. Twice it has been awarded the prize for the largest dahlia in California shows. In color, a pure gold, or deep orange buff. Flowers produced on strong plants of medium height. An ideal exhibition or garden dahlia. **75c each.**

President Hoover. Decorative, Hybrid. This new creation has a most unusual and desirable color combination, making it one of the finest new dahlias. A brilliant orange with tips of white. One of the most attractive dahlias yet developed. **$3.00 each.**

One strong tuberous root of each of the above Four New and Rare Dahlias for $5.00 postpaid.

Six Exceptional Dahlias

Bashful Giant. One of the largest flowering Decorative dahlias in existence. Its gigantic blooms are excellent for exhibition, not only because of size, but also for its beautiful coloring. An exquisite apricot with buff and gold tints. **50c each, 3 for $1.40, $5.00 per doz.**

Geargе Walters. Tbis is one of the finest dahlias ever developed and one that is always dependable. It not only is a very abundant bloomer, but produces its mammoth flowers on very long stems. In form it is very attractive being very irregular and pleasing, of hybrid Cactus type. Highly recommended. A very beautiful salmon-pink shade. **Each, $1.00.**

Glory of New Haven. One of tbe most beautiful Decorative dahlias grown, the finest of the lavender shades. It might be described as a pink-mauve or silvery lilac. Its flowers are of large size, and are produced with remarkable freedom on long stiff stems. A very sturdy vigorous growing plant. An exceptional dahlia. **50c each, 3 for $1.40, $5.00 per dozen.**

Mrs. Elmer O. Drew. This new bybrid decorative dahlia has attracted considerable attention at the fall exhibitions because of its immense size and unusual formation. Its petals are very long, irregular and twisting, making a very pleasing and unusual effect. It produces rich velvety purple-maroon flowers eight to ten inches in diameter. **Each, $1.00.**

William H. Slocombe. The largest, finest and best clear yellow Decorative in existence. Very long stems, six to ten inches in diameter, clear rich primrose yellow. **Each, $1.00.**

One each of the above FIVE EXCEPTIONAL DAHLIAS for $3.75 postpaid.

CACTUS DAHLIAS

The Cactus Dahlias have large, loosely-formed, Chrysanthemum-like flowers. The long, narrow petals are variously rolled or twisted. The flowers; many of which nod on long, slender stems, are the most graceful and artistic of all the Dahlias.

Advance. Long narrow tightly quilled petals of brilliant fiery scarlet. **Each, 35 cents.**

Effective. Very early, continuous and abundant bloomer of bright primrose shaded amber. Very good keeper when cut. **Each, 50 cents.**

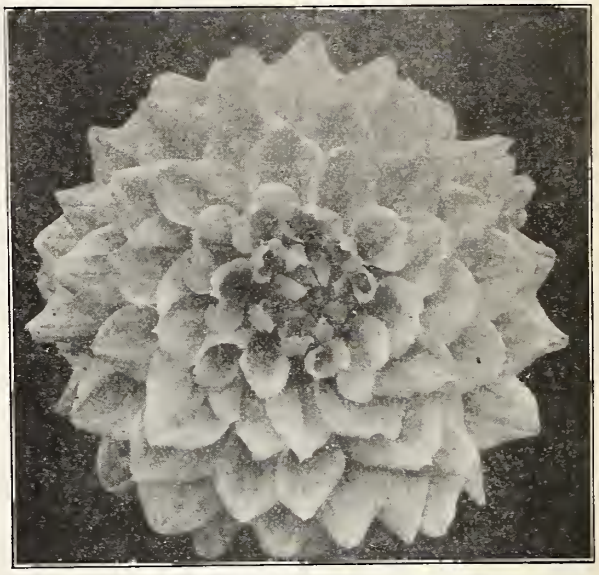
California Enchantress. A Hybrid Cactus dahlia, of great substance, its flowers are of large size, and produced on very strong stems of wiry stiffness. In color it is a delicate shade of rose-pink to lavender-pink with slight blending of white toward the center, making it very beautiful. With three admirable qualities; size, erect stems, and sturdy growth, it is a splendid Dahlia. **50c each, 6 for $2.50.**

Countess of Lonsdale. Rich salmon, tinted apricot. One of the easiest of all the Cactus Dahlias to grow, and produces more blooms than any other Cactus Dahlia grown on our farm. **Each, 35 cents; doz., $3.50.** **See picture inside front cover.**

Kalif. A truly majestic flower of great size, frequently measuring over nine inches in diameter. Perfect Cactus form, rich crimson in color. Long stiff stems. **Each, 50 cents.**

Libelle. Rich bright purple, free flowering. **Each, 25 cents.**

Marjorie Caselton. Early, rose-pink blending to yellow at center, very beautiful, abundant bloomer. **Each, 30 cents.**



NEW DAHLIA, BASHFUL GIANT

Mrs. Charles H. Breck. A very unusual combination of colors, rarely found among dahlias. Tbis Hybrid Cactus dahlia is of rich sulpbur-yellow, blending to rose-pink and lilac. Its stems are very long, stiff and upright, making it an ideal garden and cut-flower dahlia. **75c each, 3 for $2.00, $7.50 per dozen.**

Mrs. Ethel F. T. Smith. Giant pale yellow Hybrid Cactus Dahlia. One of the largest California creations. **50c each, 3 for $1.40, $5.00 doz.**

Perle de Lyon. Pure white, with occasional lavender tints. **35c each, 3 for $1.00.**

Rene Cayeux. A rare importation from France of brilliant crimson-red flowers, producing from twenty to eighty flowers on one plant. Long stems, fine for cutting. **Each, 50 cents.**

Tom Lundy. This is one of the largest of the Hybrid Cactus Dahlias, a perfectly gorgeous dark velvety red. **75c each, 3 for $2.00, $7.50 per dozen.**

One each of the above 12 Choice Cactus Dahlias for $4.90 postpaid.

GIANT DECORATIVE DAHLIAS

Bertha Story. Very large, of beautiful rose-pink with occasional white tips. Long flat irregular slightly curling formation, stems from twelve to eighteen inches long. Always a favorite. **Each, 50 cents.**

Bonnie Brae. One of the finest California creations, of gigantic size, producing its mammoth flowers continuously throughout the season. In color a most beautiful rose-pink blending to yellow at tbe center. A splendid Decorative Dahlia. **Each, 75 cents.**

Elizabeth Slocombe. A flower of tremendous size, six to ten incbes in diameter, of rich gorgeous purple-crimson color with silvery sheen. Very strong vigorous grower. **Each, 50 cents.**

Millionaire. Considered one of the very largest dahlias grown, developing flowers from six to ten inches in diameter, and one that can be forced to over twelve inches in diameter. Gigantic lavender-pink with white center. **Each, 50 cents.**

Mrs. Carl Salback. A monster show flower which has won many prizes at Dahlia exhibits throughout the country. The plant is vigorous, of erect habit and produces its flowers on unusually long stiff stems. Immense flowers are of splendid decorative form and are a pleasing lively shade of mauve pink shaded white. **Each, 40 cents.**

Pride of California. Mammoth "American Beauty" red flowers, long stiff stems, making it very desirable for cutting. Strong sturdy grower. **Each, 35 cents.**

One each of the above six Giant Decorative Dahlias for $2.60

PEONY FLOWERED DAHLIAS

This type is growing greatly in popularity. Flowers are semi-double, having broad, flat loosely arranged petals, surrounding a golden yellow center. Petals are usually pointed and twisted giving them a fluffy graceful appearance.

Geisha. Probably tbe showiest and most attractive Dahlia grown. The color is a brilliant scarlet and gold with a ring of clear yellow in the center. **Each, 75 cents.**

King of the Autumn. Long stems, free-flowering. Most exquisite blend of bronze and buff. **Each, 35 cents.**

Mrs. Bowen Tufts. Rich purple-crimson, tall grower, good bloomer. **Each, 25 cents.**

Pagent Beauty. Large orange with blends of gold and red. **50c each.**

President Harding. Plants are covered with beautiful soft yellow flowers from early July until frost. **Each, 35 cents.**

Priscilla Agnew. Pure white. **Each 25 cents.**

One of each of the above for $1.90

DECORATIVE DAHLIAS

Decorative Dahlias are intermediate between Cactus and Show. The massive flowers are not so globular as those of the Show, and the petals are broad and somewhat flattened.

Chieftan. Brilliant cherry red,—some flowers coming variegated. The variegated form is very striking,—an orange-buff striped and splashed with cherry-red. A very rare novelty which is sure to give satisfaction. Exceptionally free-flowering. **$1.00 each, 3 for $2.75; 6 for $5.00.**

Darlene. Very early, most exquisite blend of pink and white resembling a pond lily. **Each, 25 cents.**

Dr. Tevis. A magnificent Dahlia which has won numerous prizes at flower shows. Equally valuable for garden decoration or cut flowers. Color is soft salmon rose suffused old gold and shading to golden apricot center. Immense in size, often eleven inches in diameter. **Each, 50 cents.**

Frank A. Walker. Early flowering, beautiful lavender-pink. **Each, 25 cents.**

Lake Erie. Deepest lavender. **25c each.**

Liberty Bond. Orange-yellow. **25c each.**

Noir Alvarez. Very large rich deep ox-blood red. Continuous and abundant bloomer. **Each, 50 cents.**

Pride of Wayne. Its immense flowers are produced on exceptionally long stiff stems, making it very desirable for cutting and exhibition purposes. A very strong vigorous grower. The brilliant purplish-garnet coloring makes it very effective in the garden. As the flower matures, it fades to a lovely shade of garnet. **50c each, 3 for $1.25; 6 for $2.75; $5.00 per dozen.**

Purple Manitou. Brilliant clear purple. **25c each.**

Souvenir de Gustav Doazon. Largest Dahlia in existence. A pleasing shade of orange-red. Flowers are very full and often measure 9 to 12 inches in diameter. **Each, 25 cents; doz., $2.50.**

The Eagle. A creation of unusual formation resembling a giant Chrysanthemum. Its petals are long, narrow and irregularly twisted and curled. A beautiful canary yellow, very dainty and graceful. **75c each, 3 for $2.00.**

Washington City. Pure white, continuous bloomer. **Each, 50 cents.**

One each of the above gorgeous varieties for $4.50

COLLARETTE DAHLIAS

Achievement. Largest Collarette dahlia grown. Rich velvety-maroon with collar of snowy white. **35c each.**

Marley. Yellow occasionally tinted red, yellow collar. **25c each.**

Maurice Rivoire. Velvety maroon, with white collar. **25c each.**

SHOW DAHLIAS

The old-fashioned double Dahlia. Ball-shaped flowers; the petals quilled or tubular. As a class they are more formal than the Cactus or Decorative. They still retain their old-time popularity on account of their long, stiff stems and their lasting qualities as cut flowers.

Ethel Vick. (A. D. Livoni). A very reliable old standard variety, grown by almost every Dahlia lover; free flowering and desirable for cutting. Flowers are well formed, perfectly round and ball-shaped, each petal being very tightly quilled and arranged in exact regularity; of a beautiful soft pink. **Each, 25 cents; doz., $2.50.**

D. M. Moore. Nearest to black of any dahlia in existence, very deep blackish maroon, large full flowers, perfect formation. **Each, 50 cents.**

Maud Adams. The best cut flower Show Dahlia yet produced; wonderful bloomer; white tipped bright pink. **Each, 50 cents.**

Miller's Red. Perfectly formed, vivid color, very floriferous. Good seller. **30c each, 3 for 50c.**

Red Grand Duke. Deep red. **25c each.**

Storm King. Best pure white. **25c each.**

Santa Cruz. Very large, salmon-pink blending to yellow. **75c each, 3 for $2.00.**

Vivian. A new favorite with wonderful flowers of white, edged rose-violet. Is greatly admired by all who have seen it. **Each, 25 cents; doz., $2.50.**

Yellow Duke. Very large canary yellow on long, stiff stems; tightly quilled petals. **Each, 25 cents; doz., $2.50.**

One of each of the above 9 Show Dahlias for $2.90

POMPON DAHLIAS

These flowers are ideal for bouquets, being small and very double. The plants, which grow but three feet high, are very bushy and free flowering.

Challenge. Flowers of every conceivable combination of red and white. Ideal for button-hole bouquet. **Each, 50c.**

Golden Queen. The finest rich brilliant golden yellow shade we have seen, very long stems, exceptionally good for cutting. **Each, 50 cts.**

Ideal. Yellow. **50c each.**

Little Beauty. Pale pink. **35c each.**

Little Dorothy. Miniature pale primrose, very good for cutting, abundant bloomer. **Each, 25 cents.**

Midget. Lilac and buff. **35c each, 3 for $1.00.**

Raphael. Very dark velvety-maroon, one of the best of its class. **Each, 25 cents; doz., $2.50.**

Rosebud. White heavily tipped deepest rose. **50c each.**

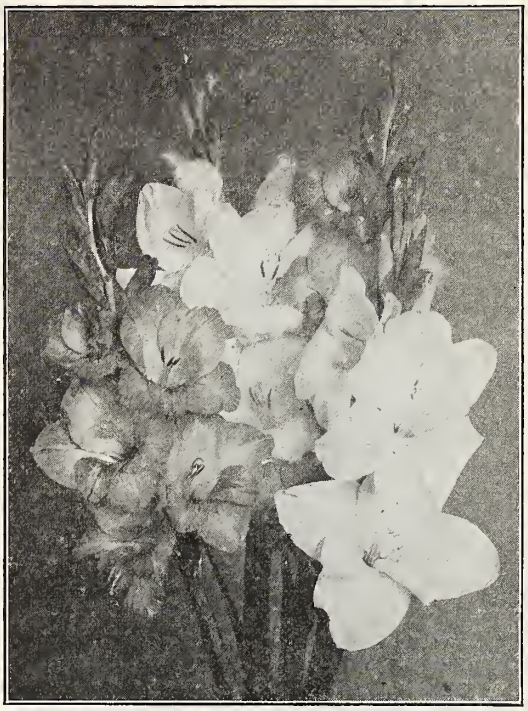
Vivid. Brilliant scarlet. **50c each.**

Snow Clad. Small. White. Free flowering, the best white pompon. **Each, 35 cents; doz., $3.50.**

One each of the above ten Pompon Dahlias for $3.40

Fancy Mixture of Named Varieties

A splendid array of leading types and colors Cactus, Pompon, Decorative Show and Peony-Flowered. A fine assortment. Each, 15c; 6 for 80c; 12 for $1.40; $9.00 per 100.



E. J. SHAYLOR AND LE MARECHAL FOCH

Vick's Gladiolus

Here is the finest list of varieties we have ever offered.

Without question, Gladioli are the most popular summer blooming bulbs. Easily grown, adaptable to almost all soil conditions, if not too wet, their long keeping graceful flower spikes, abundantly produced, are unsurpassed in beauty and usefulness either in beds or borders or for cut flowers. So universally popular are Gladioli with all flower lovers that Gladioli displays are important features of every summer flower show, fair and horticultural exhibit.

PINK

America. A grand old variety that still holds its place. **Each, 8 cts.; doz., 60 cts.; 100, $3.25.**

Giant Nymph. Light rose pink with creamy yellow throat; very large wide open flowers, well arranged on stems, 6 feet tall. **Each, 12 cents; doz., $1.00; 100, $6.00.**

Gretchen Zang. Beautiful soft pink shading to geranium pink at the edges of the petals, bright scarlet blotches on lower petals, a very pleasing combination; tall, graceful spike; should be planted late. **Each, 8 cents; doz., 65 cents; 100, $4.00.**

Le Marechal Foch. Clear light pink, a shade brighter than America; very large, wide open flowers on strong, stiff stem; very early and useful cutflower. **Each, 8 cents; doz., 60 cents; 100, $3.50.**

Mrs. Dr. Norton. Silvery white base tinged with pink, deepening towards the edges of the petals, creamy blotches in throat on lower petals; tall, vigorous grower. One of the most beautiful Glads. **Each, 15 cents; doz., $1.25; 100, $6.50.**

Panama. Pale pink, suffused rose-pink in the throat, with a rose-pink stripe in the center of the lower petals. Flowers well arranged on a long spike. One of the established varieties that is beautiful for all purposes. See outside back cover. **Each. 8 cents; doz., 65 cents; 100, $4.00.**

EVELYN KIRTLAND

Vick's Gladiolus, (continued)

Pink Wonder. LaFrance pink shading to a pale pink throat. Small amaranth purple blotch on a pale yellow ground on lower petals. Immense flowers on tall strong spikes. An excellent recent introduction. Each, 10 cents; doz., 80 cents; 100, $5.00.

Prince of Wales. Delicate salmon pink, lighter toward the center; well shaped flowers on long stems; very early. See color plate opposite page 80. Each, 10 cents; doz., 75 cents; 100, $4.25.

Wilbrink. Flesh pink with yellowish blotch on lower petals; large, well placed flowers on tall, strong stems; the first pink to bloom, together with Halley, of which it is a sport. Extra good cutflower. Each, 10 cents; doz., 80 cents; 100, $5.00.

ROSE OR ROSE PINK

Evelyn Kirtland. Very warm rose pink, deeper at the edges of the petals shading towards shell pink in the center, brilliant scarlet blotches on the lower petals; strong stem, making it one of the most desirable varieties for cutting. Each, 10 cents; doz., 75 cents; 100, $4.75.

Halley. Salmon pink with creamy yellow blotch on lower petals. One of the earliest to bloom and one of the most widely grown varieties. See back cover. Each, 8 cents; doz., 60 cents; 100, $3.50.

E. J. Shaylor. Large, ruffled flowers of bright rose-pink, shading deeper rose-red at the borders and tips of the petals; throat lighter and delicately penciled rose-red on the lower petals. Beautiful in bud, showing soft rose color. Tall, strong plant with flowers well placed on strong stems. Each, 8 cents; doz., 65 cents; 100, $4.00.

Los Angeles Beautiful shrimp pink with glowing orange carmine blotch in throat. Each, 10 cents; doz., 80 cents; 100, $5.00.

Rose Ash. Old rose overlaid and blended with pink, blue and red, giving the color of ashes of roses, hence its name; large flowers on tall, strong spikes; very attractive. Each, 10 cents; doz., 80 cents; 100, $5.00.

WHITE

Carmen Sylva. The best new Snow White, large flowers; tall; extra fine cut flower. Each, 10 cents; doz., 80 cents; 100, $5.00.

Lily White. Creamy white shading to cream in the center; very early; good cutflower. Each, 8 cents; doz., 65 cents; 100, $4.00.

Peace. Pure white with lilac feathering on lower petals; large flowers on long, strong stem, many open at a time; great variety for late blooming. Each, 8 cents; doz., 65 cents; 100, $4.00.

Venus. Beautiful creamy white, new. Each, 10 cents; doz., 80 cents; 100, $5.00.

SCARLET

Chateau Thierry. Bright scarlet-red, with carmine stripe on creamy ground on lower petals. Enormous wide open flowers 5 to 6 inches. Fine spike. Excellent grower. Each, 8 cents; doz., 65 cents; 100, $4.00.

Mrs. Francis King. Flame red, shaded salmon towards throat; very tall, strong spike; very large flowers of fine substance and arrangement. Excellent for cutting. Each, 8 cents; doz., 65 cents; 100, $4.00.

Scarlet Princeps. Flaming scarlet; large, massive flowers, many open at a time, making a gorgeous display of dazzling red. Each, 10 cents; doz., 75 cents; 100, $4.50.

RED

Crimson Glow. Glowing, velvety crimson, shaded deeper in the center; tall, strong grower, flowers well placed; considered the best in its color. Each, 8 cents; doz., 65 cents; 100, $4.00.

Empress of India. A brilliant scarlet suffused rich maroon red with lighter throat. A very rich color, the ideal flower for cutting and contrast. Each, 15 cents; doz., $1.25; 100, $7.00.

War. Deep blood red, shaded dark crimson; many flowers open on tall, straight stem; very late blooming. Each, 10 cents; doz., 70 cents; 100, $4.50.

LAVENDER AND PURPLE

Anna Eberius. Deep velvety purple, shading into very deep bordeaux center. This variety has created a sensation everywhere with growers and amateurs alike. Shown in color on outside back cover. Each, 8 cents; doz., 65 cents; 100, $4.00.

Baron J. Hulot. Dark pansy violet shading to purplish white throat, carmine stripe in center of lower petals ending in a short slender yellow stripe. Each, 15 cents; doz., $1.00; 100, $6.50.

Byron L. Smith. White daintily overlaid lavender-pink, throat and bases of lower petals bearing stippling and midribs of deeper color. Orchid-like coloring. Fine for cutting. Each, 10 cents; doz., 80 cents; 100, $5.00.

Herada. Magenta shading to pink in throat. Lower petals blotched bright rose. Strong spike. Flowers well arranged. An unusual color. Each, 10 cents; doz., 75 cents; 100, $4.50.

Mrs. F. C. Peters. Fine lilac pink with purplish blotch in throat. Many large flowers open at a time on long erect stem; very vigorous. Extra. Each, 15 cents; doz., 90 cents; 100, $6.25.

SALMON

Odin. Deep salmon pink with intense carmine blotch on lower petals, giving it a very warm color combination; large flowers on strong stem, very early, splendid cutflower. Each, 10 cents; doz., 80 cents; 100, $5.00.

Mrs. Frank Pendleton. The flowers are very large and well expanded, of a lovely flushed salmon-pink with brilliant carmine, or deep blood-red blotches in the throat, presenting a vivid contrast of orchid-like attractiveness. Each, 8 cents; doz., 65 cents; 100, $4.00.

YELLOW

Golden Measure. The strong, vigorous growth of this variety with its fine foliage, tall stems and long bloom spikes makes it outstanding either in the garden or on the show table. The large, well-open flowers are clear straw-yellow with a slight suffusion of amber-yellow on the lower petals—almost a true self-color, absolutely free from blotch or markings. Each 20 cents; doz., $1.50; 100, $7.50.

Schwaben. Light yellow with little red stripes on lower petals; strong grower with large flowers and sturdy stem; an old favorite. See color plate on outside back cover. Each, 9 cents; doz., 70 cents; 100, $4.50.

PRIMULINUS GLADIOLUS

Alice Tiplady. A very popular variety. Grenadine orange, self-color except that lower petals are lighter. Many flowers open at one time. Each, 8 cents; doz., 60 cents; 100, $3.50.

Maidens Blush. Pink, mottled darker, lower petals have tiny crimson blotch on purplish-yellow ground. Very early. Each, 8 cents; doz., 60 cents; 100, $3.50.

Orange Queen. Purest apricot of a very warm tint; large, open flowers on good stem; justly considered one of the very choicest novelties in Prim. Hybrids. Each, 15 cents; doz., $1.25; 100, $7.50.

Souvenir. Purest golden yellow of all Gladioli; large, beautifully shaped flowers on tall, slender stem. Each, 10 cents; doz., 80 cents; 100, $5.00.

GLADIOLUS IN MIXTURES

Vick's Named Mixture. This is a mixture of named varieties to which we are adding every year. It comprises every class, and will furnish a profusion of bloom from July till frost.
Six, 35 cents; dozen, 65 cents; hundred, $3.75; postage prepaid.

Choice Mixed. All colors in fine assortment. Six, 30 cents; dozen, 50 cents; hundred, $3.00; postage prepaid.

HOUSE AND BEDDING PLANTS

Tbe moment you enter a room containing a beautiful Fern or a hlooming Plant you are conscious of the brightness and good cheer radiated hy it. The influence of these beautiful silent companions from The Floral Kingdom is always for good; they cheer the sick, beautify the home and carry a hint of Summer's brightness through Winter's gloom.

In the spring they are ready to fill your window and porch hoxes with a mass of color and transform your yard to a thing of beauty.
You will find your favorite plants listed in the pages that follow.

ARTILLERY PLANT

Unique Novelty. The foliage is very fine and dense covered in season by a mass of tiny blossoms round as a ball. It gets its name from the interesting fact that when the blossoms get old, they hurst, if touched, emitting little puffs of smoke.

Each 30 cents; 3 for 75 cents.

ASPARAGUS

Each, 30 cents; two for 50 cents.

Sprengeri. One of the most rapid-growing plants of which we know, making great masses of fine feathery foliage in a very sbort time. Valuahle for use in cut-flower work. Fine for hanging baskets or large pots. As a house plant it has no superior, as it withstands the indoor temperature well. Sometimes erroneously called Maiden Hair Fern.

Plumosus nanus, or Lace Fern. Beautiful on account of its light, feathery growth, which very much resembles lace. The graceful, dark green foliage surpasses the Sprengeri in delicacy of texture. Splendid as a pot plant and for decorative purposes.

ABUTILON—Flowering Maple

Hard-wooded greenhouse shrubs, hlooming almost the entire year; well a dapted for house culture. Flowers hell-shaped and drooping.

Each, 25 cents; dozen, $2.50.

Eclipse. A trailing variety, leaves heautifully marked deep green and yellow. The flowers are bright yellow, with crimson throat.

Golden Fleece. Yellow flowers. **Snow-Storm.** White flowers.

AUCUBA JAPONICA, Gold Dust Plant

A strikingly handsome house plant with shiny toothed green leaves irregularly spotted with curious golden yellow markings whence its very fitting name "Gold Dust Plant". A plant that commands instant admiration. Thrives well even in the dry unfavorahle conditions of heated rooms.

Each, 30 cents; dozen, $3.00

FLOWERING BEGONIAS, Wax Begonia

Each, 30 cents; 4 of a kind for $1.00

Chatelaine. One of the most useful of the flowering Begonias as it is equally good indoors or outdoors. For porcb boxes it is unexcelled as the foliage turns a deep red outside. It is a continuous bloomer, tbe flowers being a beautiful deep rosy red.

Semperflorens. This is the favorite perpetual hlooming Begonia fine for house plants or bedding. Three colors, Pink, White and Scarlet.

ARGENTEA GUTTATA. Purple Bronze leaves, oblong in shape, with silvery markings; white flowers.

THURSTONI. Under side of leaves rich, purplish red, veinings prominent, upper side bronzy green, shaded with crimson and olive, peculiar glossy metallic luster over all. Flowers rosy white in large clusters.

CALCEOLARIA (For seeds see page 66)

Creole Queen. Flowers hrown maroon. Very fine for pot plant and hedding. Easy to grow. **Each, 25 cents; 6 for $1.25.**

CARNATIONS (See also page 51)

The delicately rich and pleasant fragrance combined with the beautiful colors and perfect outline of the Carnation, secures for it a prominent place in all collections of plants, either for the house or garden. It is one of the sweetest of flowers and yields an abundance of hloom all summer. The plants may he potted in September and Octoher, watered and shaded a few days, and they will bloom all winter, in a cool sunny window. These new varieties outclass all others. **Ech 25 cents; 6 of a kind for $1.25.**

MORNING GLOW. Early, abundant flowering, light pink.
JEWEL. Early, delicate pink, long stems.
HILDA. Deep pink, on long stems, long flowering.
SOPHELIA. Deep pink, large vigorous plants with long stems.
BETTY LOU. Deep pink, medium plant, stems long, prolific blooming.
WHITE MATCHLESS. Large pure white, petals fringed, delightfully fragrant.
WHITE IVORY. The most substantial pure white on the market today.
ELDORA. A handsome variegated sort, white irregularly streaked with red.

CANNAS

For a brilliant show all summer there is no plant excelling the Canna; it even surpasses the Geranium in its gorgeous display of brilliant colors, blooming continuously from the time of planting until cut down by frost. Plant 18 inches apart each way.

Mixed Vsrieties, 6 for $1.10; per dozen $2.00.

CALADIUM, Elephants Ear

Esculentum. One of the stateliest of the ornamental-leaved plants producing a splendid subtropical effect. Leaves frequently grow three feet in length and nearly as broad. Bulbs started in earth in early spring and transplanted to open ground, when danger of frost is over, will produce plants three to five feet high in a short time.

Medium-sized bulbs, each, 20 cts.; doz., $2.00.
Large-sized bulbs, each, 30 cts.; doz., $3.00.

COLEUS (For seeds see page 66)

Mixed Varieties 6 for $1.25; 25 for $4.75.

VERONA FERN (One of the best plumed type.)

VICK'S FERNS

Ferns are indispensable in almost any scheme of plant decorations for house, window or conservatory. Either alone or scattered among other plants and flowers they work wonders in giving the house interior a refreshing, cheerful appearance.

Varieties of the Boston Fern Class

This class contains the most popular and by far the most satisfactory of all house ferns. The hardiness, ease of culture, and handsome fresh appearance of all varieties of Boston Ferns make them especially desirable for house decoration.

Each, 35 cents; four for $1.25; dozen, $3.50.

Boston Fern. One of the most satisfactory of decorative plants for house culture. The handsome green fronds attain a length of four to five feet, and droop so gracefully on every side that it is often called the Fountain Plant. It always has a fresh, healthy appearance, and is very attractive.

Roosevelt. The divisions of the wide drooping fronds are heautifully undulated and the fronds are more graceful than those of the Boston Fern. Strong, rapid grower. A new variety and one of the finest.

Teddy, Jr. Fronds beautifully undulated like those of the Roosevelt, but the plants are very dwarf and compact. A heautiful fern.

Verona. One of the newer most improved varieties with finely cut plumy foliage of striking appearance.

For brilliancy of colors nothing surpasses the Cannas in formal beds or in rows against a background of green

DRACAENA

Indivisa. Used extensively as a center palnt for vases, baskets, etc. The numerous grass-like leaves are very long and rigid, contrasting nicely with other plants. Largely used and very effective for cemetery planting. Easily grown. **Each, 40 cents; 6 for $2.25.** Large plants, each 50 cts.

HELIOTROPE

Prized for its fragrance. It is a favorite witb everyone. Heliotropes require a sunny location, as they do not do well when grown in the shade. Very desirable for house culture, a single plant filling a whole room with perfume.

Lady Cook. Dark violet. **Madame de Blonay.** Pure white.
Each, 25 cents; dozen, $2.50.

HYDRANGEA

Otaksa. The immense beads of pale pink flowers, make the Hydrangea extremely effective as a decorative plant. In the Nortb it is grown as a pot plant. Give partial shade and plenty of water. Put in the cellar in tbe fall. **Each, 35 cents; dozen, $3.50.**

HYACINTHUS

Candicans, Summer Hyacinth. A beautiful stately plant, with stems three to four feet bigh. It has large, pure white pendant, funnel-shaped flowers, in long racemes. Very fragrant. In the North the bulbs should be dug in the fall, and stored in a cool dry place.
Each, 15 cents; dozen, $1.50.

VICK'S FUCHSIAS

No plants are more graceful and elegant than the Fuchsias. Tbeir contrasting colors—white, carmine, rose and purple—make them very attractive. The plants bloom so profusely that they require an abundant water supply. Therefore, plants should he wet thoroughly and often.
Each, 30 cents; dozen, $3.00.

Mary. The drooping flowers, over two inches long, are a brilliant crimson-scarlet, and stand out prominently against the dark green foliage.
Victor Hugo. Flowers large, very double; sepals bright crimson; the center or corolla violet purple, marbled with red. A unique and beautiful flower.

LANTANAS

Are in bloom constantly, and are very fine for bedding, baskets, orbox plants.
Each, 25 cents; dozen, $2.50.

Amiel. Bright shade of orange-red, with golden center.
New Weeping. Rose pink, habit drooping.
Snow Queen. Large white flowers. **Snowball.** White, yellow center.

LEMON

Ponderosa. Large-fruited true Lemon. Flowers as fragrant as the Orange blossom and large fruit of good quality. Bears flowers and fruit at the same time. Vigorous grower and makes a splendid house plant. **Each, 35cts.**

LEMON VERBENA

Foliage delightfully fragrant. Easily grown. Its refreshing fragrance makes it a favorite for the bonse. **Each, 25 cts.; doz. $2.50.**

VICK'S GERANIUMS

Each, 40 cents; 6 for $2.00.

Holden. Scarlet. Very fine.
Alphonse Ricard. Bright orange-red. Trusses very large.
Beaute Poiteveine. Bright salmon-pink, delicately shading to white.
Madame de Comtesse de Baume. A charming bright pink.
Madame Buchner. Double; snow white. A strong grower.
S. A. Nutt. Double. Brilliant deep blood-red, witb maroon shadings. Rather tall; vigorous grower. Truss large. One of tbe finest bloomers.
Mrs. Pollock. Leaves variegated; flowers scarlet.
Rose. This is one of tbe most desirable of the scented varieties.

Lady Washington Geranium

Famous Everblooming Pelargonium, Easter Greeting

The flowers of Easter Greetings have the large size and tbe gorgeously rich coloring of the "Lady Washington Geranium." To tbis is added, in Easter Greeting, the habit of continuous blooming, whicb has made the ordinary bedding geranium so highly valued. Easter Greetings is the first of a new race and one of the most valuable introductions in recent years. As an Easter plant it rivals tbe Azalea; but unlike the Azalea, Easter Greeting, will remain in full bloom all summer.

Each, 35 cts.; Dozen, $3.50 Large Plants, 50 cts. ea.

OLEANDER

Splendens variegata. Large, double, pink flowers; early. Glossy green leaves with a hroad margin of creamy white. **Each, 25 cents.**
Double Pink. The old and popular variety. **Each, 25 cents.**

OXALIS

Free-blooming hulbs, fine for pots, vases, or for edging walks and beds. Plant three inches apart. Two colors, Rosy Crimson and Rosy Lilac.
Dozen, 25 cents; hundred, $1.00.

PETUNIA

(Seeds illustration and description on p. 57)

Single, Vick's Ruffled. These plants are from seed of our own growing, and we recommend them as being very fine. **Each, 25 cents; dozen, $2.50.**

Vick's Salvias

(For seeds see p. 60)

One of the most brilliant and popular bedding plants. A solid mass of bloom from August to November. We offer healthy, well-developed plants, ready to transfer to the open ground and make quick growth. Set about a foot apart in fairly rich soil. Give plenty of water. **Each, 25 cents; 6 for $1.25.**
Vick's Scarlet Beauty. (New). The mammoth size and wonderfully brilliant scarlet color of this new Salvia bas made it the most popular scarlet variety ever grown.
Clara Bedman or Bonfire. A dwarf early blooming variety. The plants are almost hidden by the mass of brilliant scarlet flowers.
Splendens. The well-known Scarlet Sage. A splendid flowering plant with plumes of dazzling scarlet flowers.

TUBEROSE

The Tuberose is a beautiful, pure white, wax-like, very sweet-scented, double flower, growing on tall stems, each stem bearing a dozen or more blossoms. Our Tuberoses are all extra sized, splendid bulbs.
Tuberose, Pearl. Each, 10 cts.; six for 40 cts.; doz., 75 cts., postpaid; hundred, $5.00, not postpaid.

CLIMBING AND TRAILING VINES

TRAILING IVY

Each, 25 cents; dozen, $2.50.

A fine, thick-growing trailing plant that is unsurpassed for use in hanging baskets and urns, where delicate green foliage is needed.

IPOMEA or Moonflower

Ipomœa Bona Nox. It is a beautiful, vigorous climber, producing large, pure white, sweet-scented flowers at night and on dull, cloudy days. To keep over winter, the plant must be cut back, the roots potted, and kept in a growing condition. **Each, 25 cents; dozen, $2.50.**
Ipomœa Leari (Blue Moonflower). Flowers six inches across, of intense violet-hlue, with reddish purple rays. **Each, 25 cents; dozen, $2.50.**

WANDERING JEW

An interesting trailing vine useful for urns, baskets and window boxes. Three types of foliage;
Sea-green leaved, Striped green and silver leaved, Red, white and green leaved. **Each 30 cents; all three for 75 cents.**

PASSIFLORA or Passion Vine

A class of rapid growing climbing plants well adapted for house culture in winter or for training over porches, etc., during summer. The flowers are about four inches in diameter, witb pear-shaped petals.
Constance Elliot. Flowers pure white. **Each, 25 cents; dozen, $2.50.**

SWAINSONIA ALBA

A fine graceful plant, very useful for hanging baskets and porch boxes. Covered with beautiful sprays of large pure white, waxy, sweet pea-like flowers. **Each, 25 cents; dozen, $2.50.**

VINCA

Major variegata. A beautiful trailing plant, admirably adapted for hanging baskets and vases. Tbe leaves are glossy-green, broadly margined a creamy white; flowers blue, and most popular of all trailing bouse plants.
Large Plants, each, 25 cents; doz., $2.50.

We prepay transportation charges on plants up to the fifth zone at these prices and guarantee their safe arrival

THE BEST STRAWBERRY PLANTS

No plant better adapts itself to all conditions and to all sorts of soil, and brings satisfactory returns for the amount of labor and money expended. The varieties we list, have been selected with special care and include the very best for both the home gardener and commercial grower.

Three Splendid New Varieties

The following three varieties originated and developed by the New York Fruit Testing Association have demonstrated their unusual merit to such an extent that we unhesitatingly recommend them as distinctly the finest June bearing varieties that have ever been produced.

As one is an early, one a mid-season and the third a late variety, plants of each will give you berries all during the Strawberry season.

25 for $1.00; 50 for $1.75; 100 for $3.00; postpaid, 25 each of the three varieties, 75 plants, $2.25; 50 each of the three varieties, 150 plants, $4.00.

Beacon. Very early, berries are dark, glossy red, flesh red to center, juicy but firm, sub-acid, delicious, the best early variety we know of. Perfect.

Boquet. Mid-season, extra large berries, glossy red, richly juicy, very firm, prodigiously productive. Perfect.

Bliss. Late, claimed to be the finest berry in existence. Very large, medium red, very glossy, juicy but firm, sprightly sweet, highly flavored. Perfect.

STANDARD JUNE BEARING VARIETIES

Any of the following, 25 for 65c.; 100 for $2.00; postpaid. By express collect, 250 for $4.00; 500 for $7.00; 1000 for $12.00.

Bubach. Among the leaders of old standard varieties. Fruit large and handsome, conical, bright scarlet moderately firm, rich in flavor. Desirable for home use and market. Season early to medium. A great berry, bringing fine prices on the market. Imperfect. As this is an imperfect variety, it must have a perfect flowered kind every two or three rows to effect pollenization.

Brandywine. A large, broad, heart-shaped berry, delicious. Medium red color, flesh is firm. Will thrive on most any kind of soil. Midseason. Perfect.

Glen Mary. A fancy market variety. Meat is rich, firm, juicy and of high flavor. Big dark red berry. Midseason. Perfect.

Premier. A new early variety of exceptional merit, vigorous, enormously productive, commencing early and continuing to bear through a long season. Fruit is attractive rich red of delicious quality, firm enough to ship well. Perfect.

Senator Dunlap. Very hardy and productive. Berries good size, bright glossy red, good quality. Ripens early and bears fruit for a long period. Early Midseason. Perfect.

Vick's Uncle Joe. For a fancy, bright red table berry large, and of high quality, it cannot be beaten. Flesh is tender and delicious, with a rich, sub-acid wild flavor. Plants strong growing and very hardy. Early to Midseason. Perfect.

William Belt. Well known. High quality, juicy, sweet, large, bright crimson berry. Ripens all over, no green tips. Perfect.

GOLD COIN THE NEW EVER BEARING STRAWBERRY

A NEW EVERBEARING STRAWBERRY

Gold Coin. The most remarkable everbearing strawberry we have ever seen. It begins to bear almost at once and keeps at it continuously from May until November. Its wonderful bearing qualities are clearly shown in the picture above made from a photo taken in September. The large plant, which you see is simply laden with fruit in all stages of development was set out the previous October, less than a year before. The small plant is a spring runner barely two months old and already commencing to yield fruit. Not only will this remarkable variety out-yield every other but in quality, handsome appearance and flavor, it has no superior. Perfect.

Per doz., $1.00, 50 plants, $3.00, 100 plants, $5.00, postpaid.

STANDARD EVERBEARING VARIETIES

25 for $1.00; 100 for $3.00, postpaid.

By express collect, 250, $6.00; 500, $9.50; 1000, $18.00.

Mastodon. One of the newest and best. Heavy yielder. Extra fine quality. Perfect.

Progressive. This is the leading everbearing variety, producing good sized berries from May until November. The fruit is of fine quality, highly colored, deliciously flavored, and red to the core. Perfect.

Superb. Considerably larger than Progressive, very hardy and a frost resister. Superb quality. Perfect.

The Best Grape Vines

Concord. Bears large clusters of large black grapes overlaid with rich bloom. While flesh is juicy sweet and tender, it is sufficiently firm to keep well and stand packing and shipping long distances; a strong grower, very hardy, very productive. By far the most popular variety. **Each, 20 cents; 10 for $1.75.**

Lucile. A beautiful bright red variety of medium size, but very hardy and very productive.

Each 25 cents; 10 for $2.00

Worden. Bears large compact handsome black clusters; larger, earlier and superior in flavor to the Concord.

Each 20 cents; 10 for $1.75.

Niagara. Produces very large clusters of white grapes, larger than Concord; skin is thin but strong; flesh melting sweet; keeps and ships well; highly recommended. **Each, 20 cents; 10 for $1.75.**

FRUIT TREES FROM ROCHESTER

(Nursery Center of the World)

Northern Grown are Best

By Express or Freight not Prepaid. Fruit trees are too heavy for parcel post.

The satisfaction of eating handsome, sparkling fruit fresh from one's own garden cannot be measured. Only those who have had this pleasurable experience know their appetizing lusciousness. Many otherwise waste spaces in corners, along fences and terraces can be utilized to provide abundant table delicacies.

THE NEW APPLE — OHIO BEAUTY

THE THREE BEST NEW APPLES

New Cortland. New. Highly praised by New Ag. Station, where it originated. Fruit large, bright red, surpassing famous Mc Intosh; flesh firm, juicy, delicious; ideal winter apple.
Each, $ .85, 10 for $8.00.

New Red Spy. Similar to Northern Spy except in color which is a bright red without stripe. 2 year trees, each, $ .85.

Ohio Beauty. An excellent new winter apple, large, handsome, color yellow or greenish blush striped red. Flesh slightly tinged yellow, crisp, tender, aromatic, juicy.
Best grade 5 to 7 ft., each, $ .85.

BEST SUMMER APPLES

Each, 85 cents; 10 for $8.00.

Red Astrachan. Well-known red summer apple, in great demand.

Sweet Bough. A favorite everywhere. Everyone should own a tree of this variety.

Yellow Transparent. Earliest of all. Large, tender, juicy; big crop every year.

BEST FALL APPLES

Each, 85 cents; 10 for $8.00.

Duchess of Oldenburg. A fine apple; yellow skin striped with red. Crisp, tender and juicy.

Fall Pippin. Large, yellow; tender, juicy and rich.

Fameuse. (Snow Apple.) Red skin, white flesh; very tender.

Wealthy. Medium size apple, beautifully striped and splashed with red. Fine flavor. Very hardy.

BEST WINTER APPLES

Best grade, each 85 cents; 10 for $8.00.

Baldwin. Most popular variety planted.

Delicious. The great national dessert Apple. Flesh tender; very juicy. Apple large, striped red.

Golden Russet. Very hardy Russet apple.

Rhode Island Greening. Best green apple. Fine for cooking.

Jonathan. Large, brilliant red. Good keeper. A great apple for the home garden.

McIntosh Red. Best red winter apple; tender, juicy, crisp.

King. Large red; fine bearer. Hardy.

Northern Spy. A great eating apple. Known the world over.

Rome Beauty. A very handsome red striped apple of good quality. A good keeper.

Talman Sweet. Best sweet. Light yellow with blush of red.

Winter Banana. An apple with a banana flavor. Fine looking.

BEST DWARF APPLES

Fine for the Town or City Lot where there is limited space in which to grow fruit.

Extra Large Trees, $0.85 each; ten for $8.00.

Dwarf Trees in These Varieties: Baldwin, Crimson Beauty, Northern Spy, McIntosh Red, Snow Apple, R. I. Greening Duchess, Wealthy, Winter Banana.

BEST CRAB APPLES

	Each	Ten
XXX Grade, Largest Size	$0.85	$8.00

Hyslop. Dark red. **Transcendent.** Yellow, red cheek

BEST SOUR CHERRIES

	Each	Ten
XXX Extra Size	$1.00	$9.00

Early Richmond. Dark red cherry, juicy, acid, great cooker, very productive.

Montmorency. Most popular of all cherries. Large, bright shining red, acid flavor.

English Morello. Best red sour cherry. Two weeks later than Montmorency. Fruit medium size, very dark red.

BEST SWEET CHERRIES

	Each	Ten
XXX Extra Size	$1.50	$12.50

Black Tartarian. Large, sweet, heart-shaped. Very fine cherry. Bears immense crops. Most popular sweet variety grown.

Napoleon. Best of yellow sweets. Heart-shaped fruit. Very large. Meat tender, juicy, fine flavor. A great canning cherry.

Windsor. Hardiest sweet Cherry. Fruit large, very dark red.

BEST PEARS

	Each	Ten
XXX Extra, 5 to 7 ft.	$ .90	$ 8.50

Anjou (Autumn). Large, handsome, fine flavor, good keeper.

Bartlett. Popular everywhere. Large, yellow pear. September.

Clapp's Favorite. (Summer) Large, early pear. Hardy and productive. August.

Duchess (Autumn). Large light green and russet. Good flavor.

Flemish Beauty (Autumn). Beautiful, sweet pear, hardy.

Seckel (Autumn). A great home garden variety. Small fruit, juicy, melting tender. Fine for preserving and pickling.

BEST DWARF PEARS

Dwarf Pears are popular where space is limited. Fruit is same size as on standard trees.

Prices on Dwarf Pear Trees	Each	Ten
XXX 3 to 4 ft.	$ .85	$ 8.00

We recommend the following varieties:

Duchess Bartlett Clapp's Favorite Seckel

WE GUARANTEE our nursery stock to be TRUE TO NAME, QUALITY AS REPRESENTED and in FIRST CLASS CONDITION WHEN SHIPPED, with the express understanding and agreement that should any stock arrive in unsatisfactory condition, if purchaser will notify us immediately giving us report of the express or freight agent, or should any stock prove not true to name, we will refund the price paid or refill the order whichever the purchaser prefers. We assume no liability, however, in any event for an amount in excess of the money received for the stock. By reason of these conditions, we are able to make the above low prices for our trees and plants.

Peaches

Best Grade, 4 to 5 ft.
each, 60 cts.; 10 for $5.50

All varieties listed are freestone.

Rochester. Earliest yellow peach, red-cheeked, juicy and delicious.

Hale. Skin deep crimson, flesh yellow, firm and of delicious flavor.

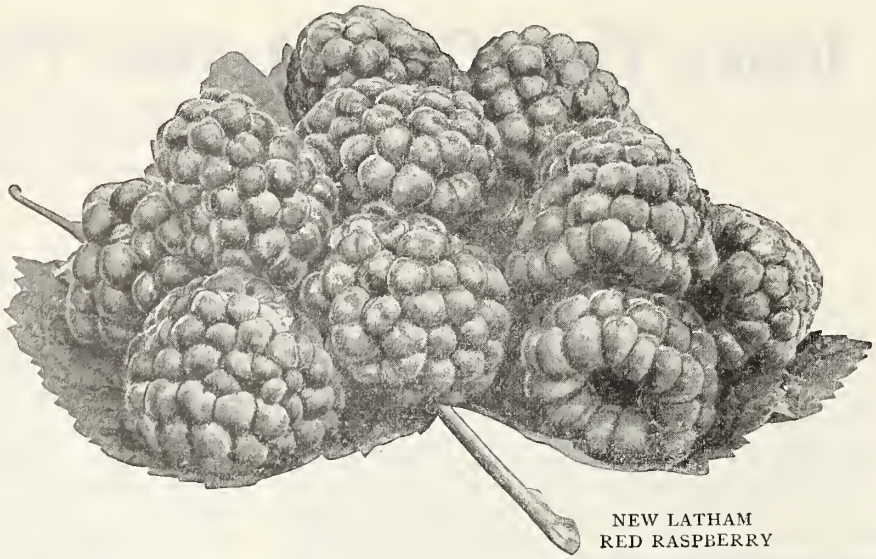
Carman. Hardy, flesh creamy white, tinted red. July.

Champion. Large red. Sweet and juicy. August.

Crawford Early. The home garden peach. August.

Crawford Late. Large, yellow, red cheek. September.

Elberta. Large, yellow, red cheek. Late September.



NEW LATHAM
RED RASPBERRY

Vick's Small Fruits

RED RASPBERRIES

PRICES—2 for 30 cents; 10 for $1.00
100 for $5.00 except as noted.

Latham. The big new, disease free Red Raspberry outyields all other varieties and brings highest market prices because of its splendid appearance and large size. See illustration, natural size. 2 for 40 cts.; 10 for $1.50.

St. Regis Everbearing. Begins to ripen in June and continues to bear fruit until frost. Truly an everbearing Red Raspberry. Berries large, bright crimson, highest quality. Rich and sugary, with a true raspberry flavor. A fine shipper. In size, productiveness and quality St. Regis leads all other reds.

Columbian. A cross between the Cuthbert and Gregg. Hardy even in Wisconsin. A most vigorous grower; cane is 10 to 16 feet in length and often over an inch in diameter. Fruit very large; color dark reddish-purple; adheres firmly to the stem; seeds small; has a distinct flavor of its own making it a most delicious table berry. For canning it is much superior to any other. Bears enormous crops.

Cuthbert. The best of all Red Raspberries for market on account of its fine shipping qualities, size, color, and richness of flavor. Very strong grower, vigorous, healthy foliage and very hardy. One of the reliable varieties; can always be depended upon to bear a good crop.

Vick's Black Raspberries

Price—2 for 30 cents; 10 for $1.00; 100 for $5.00

Plum Farmer. This wonderful new Black Raspberry has been thoroughly tested and is a great favorite for home use, and one of the best commercial sorts for all sections. A vigorous grower, hardy and very productive; one of the best to withstand drought. Fruit enormously large, covered with a grayish bloom like the bloom on a grape; matures early, easily picked, ships well, sells at the highest prices.

Kansas. A splendid variety of proved merit. Productive, hardy and of excellent quality.

Plums

Extra Size each, 95 cents; 10 for $9.00

Abundance. (Japan). Large, red, flesh light yellow. Early.

Bradshaw. Dark violet red, oblong, flesh yellow, juicy.

Burbank, (Japan). Large, round, red, good bearer, fine quality.

German Prune. Long oval, purple, thick bloom. Sweet.

Lombard. Tree will grow anywhere. A red, oblong, large plum. Juicy, sweet and pleasant. Should be in every garden.

Quinces

Best Extra Size each, $1.00; 10 for $9.50

Orange. Most popular variety. Large, golden-yellow. Cooks very tender. Fine flavor.

Blackberries

Price—2 for 40 cts.; 10 for $1.25; 100 for $6.00

Blowers. The giant of all Blackberries. An upright, mammoth grower; is very hardy and productive. Fruit jet black, of fine quality; a good shipper. Commences to ripen in July and bears fruit about two months.

Eldorado. A berry you can depend upon every time. The vines are very vigorous and extra hardy. Berries are large, black, and borne in big clusters.

Our prices on Small Fruits, and Fruit and Ornamental Trees are based on the actual value of the plants and do not include the cost of transportation. Most shipments of Small Fruits can be forwarded cheapest by Parcel Post. If you prefer that route add an amount sufficient to pay for postage. Otherwise shipment will be made by Express collect.

Manchester, N. H.,

I received the plants in good condition, a real surprise package. I cannot tell you how pleased I am with all especially the cherries. *M. N. E.*

Insure Your Crops Against Plant Diseases

We know from practical experience that *DUBAY disinfectants listed below control seed and plant destroying fungus, stimulate germination, promote sprout and plant growth and generally produce a larger and better crop.

The Best Crop Insurance You Can Buy

SEMESAN

DUBAY

Don't let wet weather or seed, soil and plant diseases rob you of the crop you spend time and effort to plant. Give your seeds a healthy start by using Semesan, Every florist, gardener and farmer needs it to prevent damping off, rust, blight, mildew rot, scab, wilt, fusarium and other fungi which needlessly destroy from 10 to 90% of the possible crop of hundreds of varieties of flowers, bulbs and vegetables.

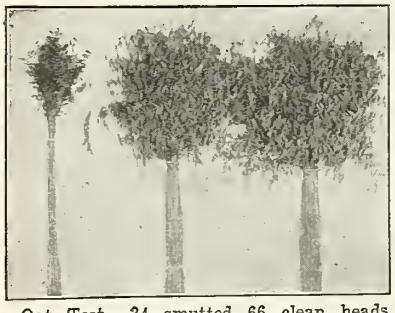
In the spring Semesan-treated seed has a great advantage in event of wet weather. In the fall it may make a big difference between a big early valuable crop and a poor, late low priced one, or, possibly a total loss in case of early frost.

Notice the difference between these two rows of Asters. The planting seed for the one on the right was Semesan treated. Semesan destroys fungus which causes damping off, wilt and rot, permits free and rapid growth of rootlets, and results in larger, healthier, finer plants. It has the same beneficial effect on hundreds of other flowers and vegetables.

For flower and vegetable seeds. Harmless to seed, but deadly to plant disease organisms. Effective in controlling wilt, rot, scab, damping off; for stem rot in Asters and other flowers, wilt in Tomatoes, Cucumbers, Onions and other vegetables; for hard rot and scab on Gladioli; for disinfecting seed beds in cold frames, greenhouses, or garden. In many cases doubles the yield. Easily applied, either as a dust or dip. Treatment requires only 1 oz. for 15 lbs. of seed.

Prices: 2 oz., 50 cents; 1 lb., $2.75; 5 lbs., $13.00; 25 lbs., $56.25.
By Express or Freight F. O. B. Rochester

CERESAN



Oat Test. 34 smutted 66 clean heads from 100 untreated seeds; 100 clean heads from 100 Ceresan treated seeds, same stock.

The only dust treatment which has successfully controlled such diseases as bunt or stinking smut on Wheat, stripe disease on Barley, loose and covered smuts of Barley and Oats and covered kernel smut of Sorghum. Tests show that Ceresan increases the yield of clean seed from 15 to 35%. Ceresan does not injure the seed or the grain drill and does not clog the seeding. Only 2 oz. of Ceresan required for a bushel of Wheat, Rye or Sorghum and 3 oz. for Barley and Oats. Easy to apply. Economical.

Prices: 8 oz., 50 cents; 1 lb., 75 cents; 5 lbs., $3.00; 25 lbs., $12.50
By Express or Freight F. O. B. Rochester

SEMESAN BEL

An instantaneous dip for Potatoes. Effectively controls scab, rhizictonia and black-leg. Used by thousands of large growers. Recommended by Experimental Stations and farm experts in all parts of the country. Material is easy to apply, low in cost. Simply mix, dip, drain, dry, and your seed Potatoes are ready for planting. Increases the yield and the quality, reduces culls. Whether you grow a small patch or large acreage, we recommend that you treat your planting stock with Semesan Bel. Requires 1 lb. for 16 to 20 bushels of seed.

Prices: 4 oz., 50 cents; 1 lb., $1.75; 5 lbs., $8.00; 25 lbs., $31.25; 100 lbs., $120.00; 300 lbs., $345.00.
By Express or Freight F. O. B. Rochester

Here is a picture of a carefully supervised test of yields grown from untreated and Semesan Bel treated seed potatoes. At the left are 13½ sacks, at the right 21 full sacks grown from the same length row grown side by side. In this test the Semesan Bel treated stock yielded over 50% more than the untreated. The only way to make money is to raise better potatoes and a larger yield per acre. Semesan Bel does not take the place of fertilizer, but is fully as important in producing good stock at low cost.

SEMESAN JR.

Especially effective in controlling disease infections injurious to Corn. Without harming the seed embryo, it protects it from rotting in the ground and makes possible earlier planting; generally results in improved germination, more vigorous roots and plants, better stand, earlier, larger and better crops. Used successfully by many of our customers last year. The best crop insurance against mould in case of wet, cold weather after planting. An inexpensive dust, easy to apply. Will not injure or clog drill. 2 oz. only for each bushel of shelled Corn.

The yield from untreated and treated seeds.

Prices: 4 oz., 50 cents; 1 lb., $1.75; 5 lbs., $8.00; 25 lbs., $31.25.
By Express or Freight F. O. B. Rochester

Send for Free Booklets. These crop booklets, which are free to our customers, contain the latest information about seed, plant and soil diseases. Check the booklet wanted and mail this slip with your first order.

Flowers	Corn	Lawn Grass
Vegetables	Potatoes	Farm Grains
Cereals	Gladioli	Bulbs

*DUBAY is the new trade name for the above products now manufactured by the Bayer Semesan Company, a consolidation of seed disinfectant departments of the DuPont Company (mfrs. of Semesan) and the Bayer Company (mfrs. of Uspulin, Nugreen, Dip Dust). The product has not been changed. Nugreen, Dip Dust and Uspulin are still available and prices will be quoted on request.

Fertilizers and Soil Builders

F. O. B. Rochester

BLOOMAID. For finer gardens and shrubs. Can be used with perfect safety. Makes flowers grow larger, bloom earlier, longer; makes shrubs and hedges more vigorous; makes vegetables earlier, tenderer, better flavored. Tablet Form (125 tablets) 25 cents; Liquid Form (8 oz. bottle) 50 cents; Pulverized Form, 1 lb. container, 25 cents; 5 lb. container, 50 cents; 25 lb. bag, $1.75; 100 lb. bag $5.00.

BONE MEAL. An excellent fertilizer for lawns, shrubbery and plants of all kinds. Finely ground, it decomposes rapidly and becomes quickly available as plant food yet does not evaporate or waste as rapidly as commercial fertilizers. Can be used safely without danger of burning the tenderest plants. Very efficient, very economical. 5 lbs., 40c.; 10 lbs., 70c.; 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.00.

FERTILIS TABLETS

A new odorless plant food in tablet form. Clean, easy to use, readily dissolves in water. Makes house plants grow like magic. Directions in package. 10 cents each, 3 packages for 25 cents.

V. C. FAIRWAY FERTILIZER. A specially prepared plant food for lawns and golf courses. Fifteen times as rich as manure, and costs, in 100 lb. lots not more than 10 cents for each 100 square feet to be treated. Practically no odor. Does not bring in weed seeds, worms or grubs. 10 lb. bag, $1.00; 25 lb. bag $1.75; 50 lb. bag $3.00; 100 lb. bag $5.00. (Enough for 5000 feet).

FLORANID (UREA)

FLORANID. The most highly concentrated nitrogen fertilizer. 92 times stronger than manure and containing 46% available nitrogen, which is an essential element in all plant foods. Floranid produces quick and vigorous growth in pot plants, bulbs, perennials, shrubs, etc. On lawns the beneficial effect is almost immediate. A level teaspoonful to a gallon of water is sufficient. 1 lb. carton 50c; 5 lb. bag $1.50; 10 lbs. $2.50.

HARDWOOD ASHES. No. 1 Canada unleached ashes. Contain all the elements which make worn out soil rich and fertile. It is said that insects will not bother roots of plants or leaves where hardwood ashes are used on the ground or sprinkled on the leaves. "Insects don't like ashes." Ashes holds moisture and gives strength to root and stem of plants. Gives a rich deep green to lawns. Packed in 50 lb. multi-wall bags. Price per bag, $2.00.

NITRAGIN. The original soil inoculator. Greatly improved for all legumes such as Alfalfa, Clover, Soy Beans, Vetch, Sweet Peas, Peas and Beans. Inoculation of the seed of these varieties with Nitragin enables the plant roots to draw nitrogen from the air rather than from the soil. Such crops are soil builders. Moreover, Nitragin-treated seed will increase the vigor, vitality, quality and yield. Garden size sealed can, 25c.; ¼ bu. size can, 40c.; ½ bu. size can, 60c:; 1 bu. size can $1.00; 5 bu. size can, $4.75.

INOCULATE THIS SEED
NITRAGIN
Restores and Maintains Soil Fertility

NITRATE OF SODA (Chili Salt Petre). The best known and cheapest form of nitrogen for plants. Highly concentrated and immediately available. 1 lb. 25c; 5 lbs., 65c; 10 lbs., $1.00; 25 lbs., $1.00; 25 lbs., $2.00; 50 lbs., $3.50; 100 lbs., $6.00.

NITROPHOSKA—15:30:15. Highly concentrated, water soluble, quickly available complete plant food. Very economical. "A little goes a long ways." Only 4 to 6 lbs. for 1000 square feet. 1 lb. carton, 50 cents; 5 lb. bag $1.35; 10 lb. bag, $2.25; 25 lb. bag $4.50; 50 lbs., $7.00; 100 lbs., $12.00.

PEAT MOSS. Imported decomposed vegetable matter, dry, odorless, free from weeds, furnishing humus to the soil, without fungus and disease. Splendid for mixing with heavy soil to make it mellow and tillable. Fine for compost, for potting soil and greenhouse benches. Large, closely compressed bales, $4.75 each.

PULVERIZED SHEEP MANURE. The best general fertilizer for lawn, garden and greenhouse. It is a dry, pure animal product, finely ground and has an oily quality not found in the ordinary sheep manure, and contains less dirt and foreign matter than the ordinary brands offered. As a top dressing for lawns or gardens it is very effective without unsightly appearance or offensive odor. It may be safely used for any fertilizing purpose as it contains no acid or chemicals to burn tender roots or sprouting seeds. It furnishes plant food in available natural form and its effect lasts a long time. 5 lbs., 40c.; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.00.

STIM-U-PLANT. The magic fertilizer in tablet form. Odorless, clean, efficient, safe, economical. 10 tablets, 15 cents; 30 tablets, 25 cents; 100 tablets, 75 cents.

VIGORO. Supplies the right kind and amount of food to give plant a good start and keep it growing and in vigorous condition during the growing season. Produces velvety lawns, more and better flowers and delicious vegetables. Economical. A booklet "The Home Beautiful", in every bag. Only one to four pounds, according to season, required per 100 square feet of surface. 5 lbs., 50 cents; 25 lb. bag $1.75; 50 lb. bag, $3.00; 100 lb. bag, $5.00.

WONDERGRO. New life for soil. A complete odorless fertilizer for flowers and plants, containing nutritative, restorative and color forming elements in soluble form. High analysis. 5 oz. can, 25 cents; 12 oz. can, 50 cents.

Insecticides and Fungicides

F. O. B. Rochester

Insects and worms which eat leaf or stalk are usually controlled by poisons, applied to plants in liquid or dust form. Sucking insects like aphis, plant lice, plant flies or beetles can only be destroyed by contact sprays which suffocate or paralyze. Fungus diseases such as mildew, blight, rust, etc., which cause leaves to turn brown or black and wither and the stem to rot, can usually be prevented by fungicides.

ANT KILLER. For use on lawns, golf courses, etc. A small quantity will destroy a whole colony of ants. 4½ oz. sifter top cans 50 cents.

ATLAS NON-POISONOUS WEED KILLER DUSTER. Exterminates all undesirable vegetation including poison ivy, Canada Thistle, Johnson grass, etc., without danger of poisoning humans or animals. Simply shake powder from can on any undesirable vegetation, weeds, grass, etc. Especially recommended for obtaining weed-free driveways, paths, tennis courts and gutters. Small duster 50c, large duster $1.50. Bulk Dry Concentrate. (For making weed killer solution). Large Cans $2.00 each. (Kills 500 sq. feet weeds). 50 lb. Drums, 25c lb. (Kills 5,000 sq. ft. weeds).

AGRI-PAX. A powerful but safe contact spray guaranteed by the makers to kill aster beetles, rose bugs, leaf hoppers, which most sprays would not effect, and all other insects of every known kind. A big boon to aster growers. Will not harm tender plants. Non-poisonous to humans and animals. Therefore, can be used on all kinds of vegetables and fruits. No annoying fumes. No stains to hands or clothing. 8 oz., 40c.; 16 oz., 60c.; 32 oz., $1.00.

ANSECT. Kills aphis, red spider, rose bugs, mealy bugs and many other plant lice. 4 oz. can, 30c.; 1 pint can, $1.00; 1 quart can, $1.50.

ARSENATE OF LEAD. Powder. The well known standard poison for all leaf eating insects. Very effective either as a dust or as a spray in water alone or in Lime-Sulphur or Bordeaux. 1 lb., 40c.; 5 lbs., $1.75; 10 lbs., or over, 30c per lb.

BORDEAUX POWDER. The standard mixture for fungus diseases. Directions for use on packages. 1 lb., 40c.; 5 lbs., $1.80.

CROW DOPE. Non-poisonous treatment guaranteed by makers to prevent crows, pheasants and squirrels from pulling Corn. Does not clog planter or injure seed. ½ pint (1 bu. size) 60 cents; pint (2 bu. size) $1.00; 1 quart, $1.50.

CUT WORM KILLER. A poisonous bait for cut worms and slugs. 1 lb., 50c.; 5 lbs., $2.00.

CYANOGAS. A new material which forms deadly gas when exposed to the air. Two grades: G, which is granulated and forms gas slowly, is used by florists for fumigating greenhouses quickly and economically, against white flies, aphis and many other insects; A-Dust, which is finely pulverized and forms gas rapidly, is used for rats, moles, ants, woodchucks, ground hogs, etc. Either grade, 1 lb., 70c.; 5 lbs., $3.00.

DERRISOL. Kills by paralysis. Non-poisonous, odorless, pleasant and safe to use. Efficient for the control of aphis, black flies, leaf hoppers, thrip and many other soft bodied sucking insects as well as many small leaf eating larvae such as cabbage worms. Can be used on plants soon to be eaten. 1 oz. bottle makes six gallons, 35c.; ½ lb. bottle, $1.25; 1 lb. can, $2.25.

Prices on this page are f. o. b. Rochester, i. e., the express or freight charges to be paid by customers and are subject to market changes. Reduced prices on larger quantities, on request.

Insecticides and Fungicides, (continued)

EVER GREEN. Another very popular contact spray, safe to use on tender plants and blossoms. Non-poisonous and stainless. 1½ oz., 35 cents; 6 oz., $1.00; pint, $2.00.

FUNGTROGEN. Ideal spray for mildew and black spot on roses and other plants. Contains important nitrogenous hortogen readily absorbed by the plant through the foliage and results in increasing vigor, luxuriant foliage and wonderful blooms. An invisible spray highly endorsed by professionals. Highly concentrated, making sixty times its volume when diluted with water. ½ pint, 75c.; Pint, $1.25; Quart, $2.00.

FISH OIL SOAP. A wash for roses, plants and trees infested with insects. 1 lb. 35c.; 5 lbs., $1.50.

LIME SULPHUR POWDER. Applied as a dormant spray in the fall after the leaves drop or in the spring before the buds open to destroy San Jose scale and fungus scores of apple scab, peach rot, leaf spot, etc. One-half pound will make five gallons of solution. 1 lb. 40c.; 5 lbs., $1.80.

MAG-O-TITE. Helpful in the control of root maggot. 1 lb. tin, 50c.; 5 lb. tin, $1.50.

MELROSINE. Famous destroyer of rose bugs. Equally effective against most sucking insects. Trial size, 50 cents; pint, $1.00; quart, $1.75.

NIAGARA DUST. Four separate mixtures ready for instant use in dust form:

Ento Dust. To destroy leaf-eating insects and worms. 1 lb. package, 60c.

A-1 Dust. To control sucking insects such as aphis, plant flies, etc. 1 lb. package, 80c.

Pomo Dust. Powder fungicide for mildews, blights, rusts and other fungus diseases. 1 lb. package 50c.

All-in-one-Dust. Compounded to control fungus diseases and both sucking and eating insects. 1 lb. package, 85c.

PARIS GREEN. A poisonous insoluble powder used extensively for potato bugs, caterpillars, slugs, coddling moths, worms and bugs. Applied either as powder or in water solution. ¼ lb., 20c.; 1 lb., 60c.

PURFECK CHICKWEED ELIMINATOR. A new spray that will kill Chickweed in lawns without injury to the grass, making it unnecessary to re-plant or re-sod. 1 quart 75 cents; 1 gallon $2.00.

PYROX PASTE. The well known liquid spray for potatoes, tomatoes, etc. Kills bugs and prevents blight. 1 lb., 60c.; 5 lbs., $2.50; 10 lbs., $4.00.

SCALECIDE. For the destruction of San Jose scale. 1 quart, 75c.; gal.; $1.75; 5 gal., $6.25.

SHEPS PLANT SPRAY. Controls both sucking and chewing insects. Harmless to everything but insects. Highly concentrated, widely recommended. 2 oz. bottle, 35 cents; 8 oz. bottle, 75 cents; 16 oz. bottle, $1.25; quart can, $2.00.

SLUG SHOT. Non-poisonous powder for potato bugs, cabbage lice, currant worms, etc. 5 lbs., 75c.

SULPHO TOBACCO SOAP. An excellent spray for aphis on plants and a wash for fleas on cats and dogs. 3 oz. cake, 15c; 1 doz. cakes, $1.25; 8 oz. cake 25c.; 1 doz cakes, $2.50.

TERRO ANT KILLER. Exterminates an ant colony in twenty-four hours. Can be used in house, greenhouse or any other building. 2 oz. bottle, 50c.

TOBACCO DUST. Effective against lice. 1 lb., 15c.; 5 lbs., 50c.; 25 lbs., $2.00; 100 lb. bag, $6.00.

TREE TANGLE FOOT. Easily applied to the trunks of trees early in the season to prevent caterpillars from climbing trees and destroying fruit. One application usually sufficient for entire season. 1 lb., 60c.; 5 lbs., $2.75; 10 lbs., $5.25.

VOLCK. An effective spray to kill red spider, mealy bug, scale, mildew, aphis, flies, thrip, caterpillar. Used safely on tender greenhouse and garden plants. Will not burn hands, stain clothing or leave disagreeable odor. Actually brightens the plants and gives them a healthy, handsome appearance. ½ pint, 50c.; Pint, 75c.; 1 quart, $1.00.

Bird Seed, Remedies, Books

These prices are f. o. b. Rochester. If wanted by parcel post add 10c each to the price of each article, and 10c for 1 lb. of bird seed, 20c for 5 lbs., 30c for 10 lbs.

Song Restorers. Containing best ingredients for upbuilding of the health of birds. Birds must be healthy to sing well.

The following are widely known and very popular:

Sheppard's Song Restorer ..... can 25 cents
Burnett's Ideal Song Restorer ..... can 25 cents
Magic Song Restorer ..... can 25 cents
Spratt's Song Restorer ..... can 25 cents
Johnson's Rainbow Song Restorer ..... box 25 cents

Special Bird Foods. Prepared for keeping birds in song.
Putnam's Egg Food ..... bottle 35 cents
Egg, Flakes and Fruit Mixture ..... box 25 cents
Burnett's Unexcelled Bird Food ..... bottle 25 cents

Cod Liver Oil Nestling Foods. Recommended for feeding young birds, and as a tonic for mature birds after moulting. Box 15 cents.

Burnett's Canary Regulator. Bottle 25 cents.

Bird Biscuits. Recommended as a food variation or a treat for birds.
Spratt's Sing Song ..... package 15 cents
Bird Manna ..... package 15 cents
Bird Pep ..... package 15 cents

Canary Highball. Hangs in cage and gives bird exercise to get it. ..... ball 15 cents

Spratt's Polly Cracker. For Parrots ..... box 20 cents

Spratt's Parrot Mixture. ..... box 20 cents

Bird Seeds. We buy the choicest recleaned seeds, and sell over a carload a year. Canary, Rape, Hemp, Millet and Sunflower. Each separately, or mixed, 1 lb., 15 cents; 5 lbs., 65 cents; 10 lbs., $1.25.

Cuttlebone. Small, each, 5 cents; large, each 10 cents.

Books about Canaries and other birds.
Care of Canaries, their Breeding and Care ..... 40 cents
Feathered Pets ..... 40 cents

Fish Foods.
Natural Fish Food ..... tins, each, 10 cents
Wafer Fish Food ..... box 10 cents
Zeke Ant Eggs ..... box 15 cents

Better Sprayers, Lower Prices

Express or Freight, Charges Collect

For spraying insecticides, white wash, paint, lacquer, for washing windows and automobiles. Any of these sprayers will spray any liquid easily, quickly and satisfactorily. No complicated parts. With very little care, they will last indefinitely.

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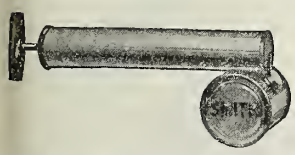

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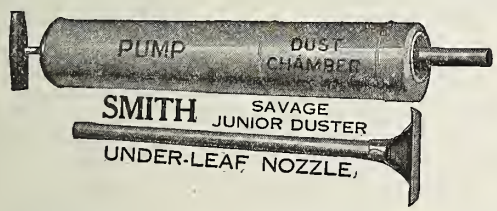

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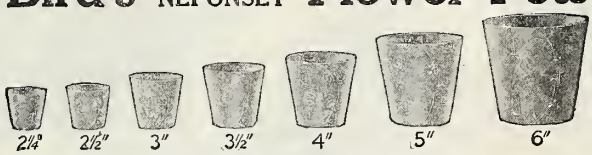

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